

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 3

AMENDED REPORT ☐
(highlight changes)

APPLICATION FOR PERMIT TO DRILL

1A. TYPE OF WORK: DRILL <input checked="" type="checkbox"/> REENTER <input type="checkbox"/> DEEPEN <input type="checkbox"/>		5. MINERAL LEASE NO.: ML-47576	6. SURFACE: State of Utah
B. TYPE OF WELL: OIL <input type="checkbox"/> GAS <input checked="" type="checkbox"/> OTHER _____ SINGLE ZONE <input type="checkbox"/> MULTIPLE ZONE <input checked="" type="checkbox"/>		7. IF INDIAN, ALLOTTEE OR TRIBE NAME: N/A	
2. NAME OF OPERATOR: Samson Resources Company		8. UNIT or CA AGREEMENT NAME: Salt Valley Anticline Unit	
3. ADDRESS OF OPERATOR: 370-17th Street, Suite 3000, Denver, CO 80202		9. WELL NAME and NUMBER: SVA #23-33-2119	
PHONE NUMBER: 720/239-4365		10. FIELD AND POOL, OR WILDCAT: Wildcat	
4. LOCATION OF WELL (FOOTAGES) AT SURFACE: 601502X 2486' FSL and 1249' FWL 38.942227 AT PROPOSED PRODUCING ZONE: 4310810y NW SW -109.828812		11. QTR/QTR, SECTION, TOWNSHIP, RANGE MERIDIAN: Section 33, T21S - R19E	
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE: Approximately 22.3 miles east of Green River, UT.		12. COUNTY: Grand	13. STATE: UT
15. DISTANCE TO NEAREST PROPERTY OR LEASE LINE (FEET): 1249'	16. NUMBER OF ACRES IN LEASE: 1600	17. NUMBER OF ACRES ASSIGNED TO THIS WELL: 40 acres	
18. DISTANCE TO NEAREST WELL (DRILLING, COMPLETED, OR APPLIED FOR) ON THIS LEASE (FEET): None	19. PROPOSED DEPTH: 3,650'	20. BOND DESCRIPTION: Nationwide Bond No. NM-2037	
21. ELEVATIONS (SHOW WHETHER DF, RT, GR, ETC.): 4893' GL	22. APPROXIMATE DATE WORK WILL START: ASAP	23. ESTIMATED DURATION: 10 Days	

24. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	CASING SIZE, GRADE, AND WEIGHT PER FOOT	SETTING DEPTH	CEMENT TYPE, QUANTITY, YIELD, AND SLURRY WEIGHT
12-1/4"	8-5/8", 24#, J-55	500'	350 sx Class G, 15.8 ppg, 1.18 cf/sx yield
7-7/8"	4-1/2", 11.6#, S-95	3,650'	824 sx 50/50 Poz 13.5 ppg, 1.31 cuft/sx yield

25. ATTACHMENTS

VERIFY THE FOLLOWING ARE ATTACHED IN ACCORDANCE WITH THE UTAH OIL AND GAS CONSERVATION GENERAL RULES:

- | | |
|--|--|
| <input checked="" type="checkbox"/> WELL PLAT OR MAP PREPARED BY LICENSED SURVEYOR OR ENGINEER | <input checked="" type="checkbox"/> COMPLETE DRILLING PLAN |
| <input checked="" type="checkbox"/> EVIDENCE OF DIVISION OF WATER RIGHTS APPROVAL FOR USE OF WATER | <input type="checkbox"/> FORM 5, IF OPERATOR IS PERSON OR COMPANY OTHER THAN THE LEASE OWNER |

AGENT: Permitco Inc., P.O. Box 99, Eastlake, CO 80614

AGENT'S PHONE NO.: 303/857-9999

NAME (PLEASE PRINT) Venessa Langmacher

TITLE Agent for Samson Resources Company

SIGNATURE *Venessa Langmacher*

DATE August 1, 2008

(This space for State use only)

API NUMBER ASSIGNED: 43-019-31595

Approved by the
Utah Division of
Oil, Gas and Mining

(11/2001)

Date: 08-12-08 (See instructions on Reverse Side)

By: *[Signature]*

RECEIVED

AUG 05 2008

DIV. OF OIL, GAS & MINING



PO Box 99 • Eastlake, CO 80614 • (303) 857-9999 • FAX (303) 450-9200 • E-MAIL Permitco1@aol.com

August 1, 2008

Division of Oil, Gas & Mining
1594 West North Temple, Suite 1210
Box 145801
Salt Lake City, UT 84114-5801

Attn: Diana Mason

Re: Samson Resources Company
SVA Unit #23-33-2119
2486' FSL and 1249' FWL
NW SW Section 33, T22S - R19E
Grand County, Utah

Dear Diana,

Enclosed please find two copies of the application for permit to drill for the subject well along with the required attachments.

This location was staked at non-standard spacing in accordance with the rules and regulations of the Utah Division of Oil Gas and Mining. This was done for geologic considerations. Please note that this location is located within the Salt Valley Anticline Unit. Samson, North American, Tidewater and Rocksource are the only working interest owners within a 460 foot radius. Waiver letters from the working interest owners will be forwarded under separate cover. We hereby request your administrative approval of this exception to spacing.

If you should need additional information, please don't hesitate to contact me.

Sincerely,

PERMITCO INC.

Venessa Langmacher
Regulatory Supervisor
Agent for Samson Resources Company

Enc.

cc: Samson Resources Company - Denver, CO

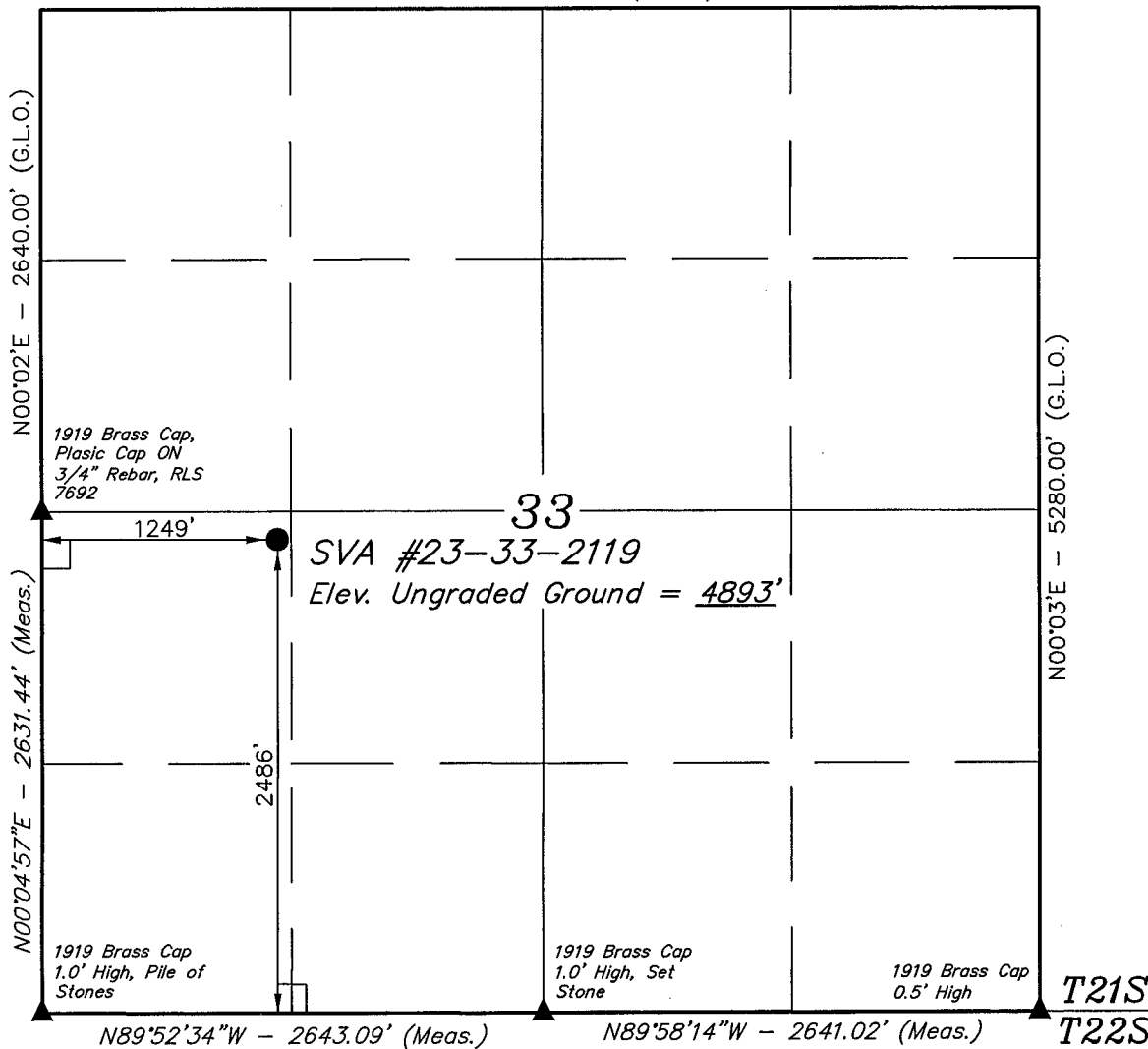
RECEIVED

AUG 05 2008




DIV. OF OIL, GAS & MINING

T21S, R19E, S.L.B.&M.

S89°59'W - 5283.96' (G.L.O.)



LEGEND:

-  = 90° SYMBOL
 = PROPOSED WELL HEAD.
 = SECTION CORNERS LOCATED.

(AUTONOMOUS NAD 83)
 LATITUDE = 38°56'31.95" (38.942208)
 LONGITUDE = 109°49'46.79" (109.829664)
 (AUTONOMOUS NAD 27)
 LATITUDE = 38°56'32.05" (38.942236)
 LONGITUDE = 109°49'44.34" (109.828983)

SAMSON RESOURCES COMPANY

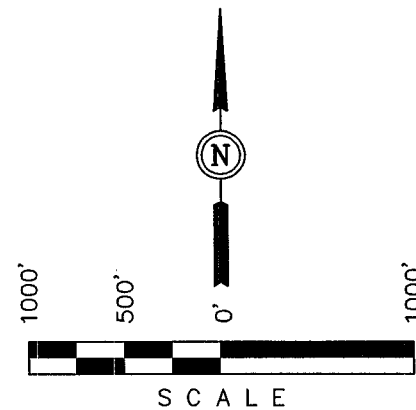
Well location, SVA #23-33-2119, located as shown in the NW 1/4 SW 1/4 of Section 33, T21S, R19E, S.L.B.&M., Grand County, Utah.

BASIS OF BEARINGS

BASIS OF BEARINGS IS A G.P.S. OBSERVATION.

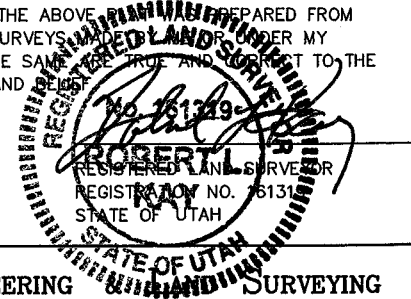
BASIS OF ELEVATION

SPOT ELEVATION LOCATED AT THE SOUTHWEST CORNER OF SECTION 14, T22S, R19E, S.L.B.&M. TAKEN FROM THE CRESCENT JUNCTION QUADRANGLE, UTAH, GRAND COUNTY, 7.5 MINUTE SERIES (TOPOGRAPHICAL MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 4692 FEET.



CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE MAP WAS PREPARED FROM
FIELD NOTES OF ACTUAL SURVEYS MADE UNDER MY
SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE
BEST OF MY KNOWLEDGE AND BELIEF.



UTAH ENGINEERING & SURVEYING
 85 SOUTH 200 EAST - VERNAL, UTAH 84078
 (435) 789-1017

SCALE 1" = 1000'	DATE SURVEYED: 07-22-08	DATE DRAWN: 07-28-08
PARTY L.K. D.D. D.P.	REFERENCES G.L.O. PLAT	
WEATHER HOT	FILE SAMSON RESOURCES COMPANY	

TIDEWATER OIL & GAS COMPANY LLC

101 16th Street, Suite 1230

Denver, Colorado 80202

(303) 547-6404

August 4, 2008

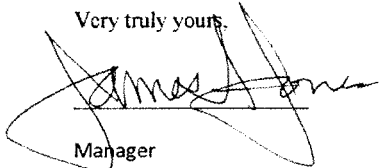
Carl L. Bassett Sr. District
Landman Samson Resources
Company 370 17th Street, Suite
3000 Denver, Colorado 80202

Re: SVA 23-33-2119 Well
T21S-RI9E
Salt Valley Anticline Unit Area
Grand County, Utah

Dear Carl:

Tidewater Oil & Gas Company, LLC hereby grants its consent to the drilling of the SVA 23-33-2119 Well in T21S-RI9E, Grand County, Utah, to be operated by Samson Resources Company.

Very truly yours,

A handwritten signature in black ink, appearing to read "Samson", is written over a horizontal line. The signature is stylized and somewhat cursive.

Manager

August 4, 2008

Carl L. Bassett
Sr. District Landman
Samson Resources Company
370 17th Street, Suite 3000
Denver, Colorado 80202

Re: SVA 23-33-2119 Well
T21S-RI9E
Salt Valley Anticline Unit Area
Grand County, Utah

Dear Carl:

North American Exploration, LLC hereby grants its consent to the drilling of the SVA 23-33-2119 Well in T21S-RI9E, Grand County, Utah, to be operated by Samson Resources Company.

Very truly yours,



John L. Moore
Senior Landman



1160 Dairy Ashford
Suite 600
Houston, Texas 77079-3022
281-679-9200
Fax 281-679-9203

July 31, 2008

Carl L. Bassett
Sr. District Landman
Samson Resources Company
370 17th Street, Suite 3000
Denver, Colorado 80202

Dear Carl:

Re: SVA 23-33-2119 Well
T21S-R19E
Grand County, Utah

Rocksource Energy Corporation hereby grants its consent to the drilling of the SVA 23-33-2119 Well in T21S-R19E, Grand County, Utah, to be operated by Samson Resources Company.

Very truly yours,

A handwritten signature in black ink, appearing to read "T. A. Collins", is written over a horizontal line.

Thomas A. Collins
President

Samson Resources
SVA 23-33-2119
Surface: 2486' FSL & 1249' FWL Sec. 33, T21S, R19E, SLB&M
BHL: 2486' FSL & 1249' FWL Sec. 33, T21S, R19E, SLB&M
Grand Co., UT

EIGHT POINT DRILLING PLAN

1. ESTIMATED FORMATION TOPS: (based upon est. surface elev. of 4893')

Formation	Depth, TVD
Dakota	1317
Morrison	1387
Moab Tongue	2293
Entrada	2363
Carmel	2543
Navajo	2593
Kayenta	2843
Wingate	3332
Chinle	3554
TD	3650

2. ESTIMATED DEPTHS OF TOP AND BOTTOM OF WATER, OIL, GAS, OR OTHER MINERAL BEARING FORMATIONS AND PLAN FOR PROTECTION:

Possible Aquifers: Less than 500'

Oil Shale: None Expected.

Oil: Moab Tongue, Navajo, Kayenta, Wingate

Gas: None expected.

Protection of oil, gas, water, or other mineral bearing formations:
Protection shall be accomplished by cementing surface casing and production casing back to the surface.

3. PRESSURE CONTROL EQUIPMENT:

For drilling surface hole to 500':

No BOP equipment required. Rotating head will be utilized if a Surface Hole Drilling rig equipped to drill with air/air mist is used to preset surface casing.

For drilling through 8-5/8" surface casing to TD:

Maximum anticipated surface pressure is <2000 psi

Pressure control equipment shall meet or exceed BLM minimum standards for 3000 psi equipment.

A casing head with a 11", 3000 psi flange will be welded onto the 8-5/8" surface casing.

BOP stack will likely consist of either 2 single gate or a double gate and annular preventer. The gate preventers will be equipped with pipe rams on bottom and blind rams on top. The choke and kill lines will be connected to outlets between the bottom and top rams, utilizing either the ram body outlet or a drilling spool with side outlets. The BOP stack will be 11" or 13.625" bore, 3000 psi working pressure or greater. The choke and kill lines will be 2" or 3" bore, 3000 psi working pressure or greater. Please refer to attached schematic.

Test procedure and frequency shall be in accordance with BLM minimum standards for 3000 psi equipment, per BLM Oil & Gas Order #2.

4. SUPPLEMENTAL DRILLING EQUIPMENT AND CASING INFORMATION:

Casing Information: All casing will be new pipe and tested to 1500 psi.

Casing	Weight	Grade	Conn.	Stage	Centralizers
8.625"	24.0 #/ft.	J-55	STC	No	*
4.5"	11.6 #/ft.	S-95	LTC	No	As Needed

* Centralizers will be placed 10' above shoe, on 1st, 3rd, 5th and last collars.

Casing Design Information

8-5/8" casing @ 500':

Collapse value for new pipe: 1370psi Actual Load: 226 psi SF: 6.1

Burst value for new pipe: 2950psi Actual Load: 1297 psi SF: 2.3

Tension value for new pipe: 244,000# Actual Load: 12000# SF: 20.3

4-1/2" Production casing @ 3650':

Collapse value for new pipe: 7030 psi Actual Load: 1651 psi SF: 4.3

Burst value for new pipe: 9240 psi Actual Load: 5000 psi* SF: 1.8

Tension value for new pipe: 234,000# Actual Load: 42,340# SF: 5.5

*Max surface pressure limit during frac job.

Cement Information: All volumes are estimates and may be adjusted based upon actual conditions during the course of drilling operations. Total sacks may be adjusted due to slight variations in slurry yield.

Casing	Cement
--------	--------

8-5/8"	Oilfield type cement circulated in place. Class "G" w/ 2% CaCl ₂ single slurry mixed to 15.8 ppg, yield = 1.18 cf/sx. Fill to surface with 412 cf (350 sx) calculated plus 100% excess.
--------	--

Cement Information: (cont.)

4-1/2" Single slurry 50/50 Poz w/additives -13.5ppg, yield 1.31cuft/sx for 3540' of fill; 1080 cf (824 sx.) Volume includes 30% excess volume. Sufficient cement volume will be pumped to bring cement to surface.

Drilling Equipment:

Surface Hole (0' - 500')

Drilling of the surface hole will be with a Surface Hole drilling rig equipped to drill with air/air mist, if the rig is available. Hole size will be in the 12 1/4" - 11" range at the discretion of the drilling contractor.

Variance to Onshore Oil and Gas Order No. 2 III -E. *Special Drilling Operations* which addresses additional drilling equipment required for drilling with air/gas is requested for the Surface Hole drilling rig which may be used to preset surface casing. To our knowledge, shallow gas (<350') has never been encountered on any well in this area. Consequently, the majority of the equipment specified in the *Special Drilling Operations* is not necessary to drill surface holes (350') in this area. Auxiliary Equipment to be used is outlined in Section 8. Air/gas will not be used to drill below surface casing.

If the Surface Hole drilling rig is not available to preset the surface casing, a conventional rotary drilling rig will be used to drill the surface hole. A 12 1/4" hole will be drilled utilizing water based mud.

Production Hole (500' - 3650')

Drilling below surface casing will be with conventional rotary equipment utilizing water based mud. Hole size will be 7-7/8".

5. CIRCULATING MEDIUM, MUD TYPE, MINIMUM QUANTITIES OF WEIGHT MATERIAL, AND MONITORING EQUIPMENT:

Surface Hole (0' - 500')

Surface hole is planned be drilled with air/air mist if a Surface Hole drilling rig is utilized to preset surface casing prior to moving in and rigging up a conventional rotary drilling rig.

Mud circulating equipment and materials as specified in Onshore Order #2, III - E will not be kept on location due to the fact that the Surface Hole drilling rig equipped to drill with air/air mist is not equipped to circulate mud.

If a Surface Hole drilling rig is not utilized to preset the surface casing, a conventional rotary rig will be used to drill the surface hole. Water based drilling fluids consisting primarily of fresh water, bentonite, lignite, caustic, lime, soda ash, and polymers will be used. No chromate's will be used. It is not intended to use oil in the mud, however, in the event it is used, oil concentration will be less than 4% by volume. Maximum anticipated mud weight is ± 9.0 ppg.

A minimum quantity of weighting material will be kept on location

Production Hole (500' - 3650')

Drilling below surface casing will be with water based drilling fluids consisting primarily of fresh water, bentonite, lignite, caustic, lime, soda ash, and polymers. No chromate's will be used. It is not intended to use oil in the mud, however, in the event it is used, oil concentration will be less than 4% by volume. Maximum anticipated mud weight is ± 9.0 ppg.

A minimum quantity of weighting material will be kept on location.

PVT/Flow Show will be on location and operable from base of surface casing to TD.

Gas detector will be used from surface casing depth (depth mud loggers on) to TD

6. ANTICIPATED TYPE AND AMOUNT OF TESTING, LOGGING, AND CORING:

Logging:

Mud logging:
Electric Logging:

Surface casing to TD
A complete suite of open hole
logs will be run.

Coring:

None planned but is possible

Testing:

None planned but are possible.

7. EXPECTED BOTTOM HOLE PRESSURE AND ANY ANTICIPATED ABNORMAL PRESSURE, TEMPERATURES, OR OTHER HAZARDS (H₂S, STEAM, ETC.) AND ASSOCIATED CONTINGENCY PLANS:

Normal to subnormal pressure gradient to TD

No H₂S is expected.

Maximum expected BHP @ TD ~1600psi

Maximum expected BHT @ 3540' TVD: ~125° F

8. OTHER:

Auxiliary Equipment

Conventional Rotary Drilling Rig

Mud logging unit

Geolograph

PVT-Flowmeter

Desilter

Desander

Full Opening Safety Valve

Upper Kelly Valve

Lower Kelly Valve

Surface Hole Rig Equipped to Drill with Air/Air Mist

Rotating Head

100' Blooie Discharge Line

Completion

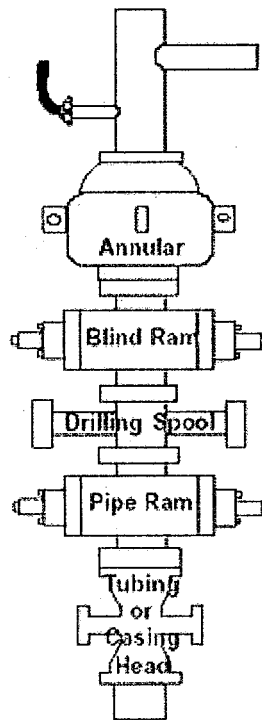
Well will be completed by conventionally perforating prospective zones identified by logs. Installation of tubing, rods, and surface production facilities may be required to determine commercial production. Stimulation may be required, but will be determined by testing.

Water Source

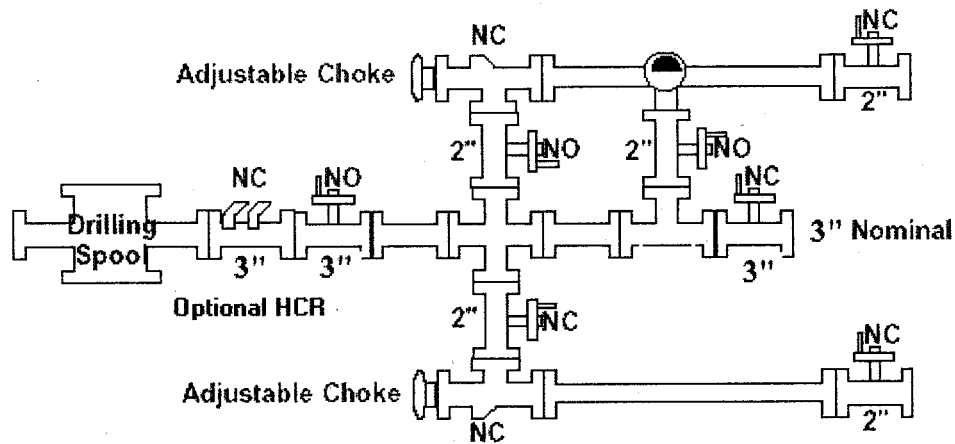
All water used for the drilling of this well will be purchased the Nebeker Water Station in Myton, UT. Permit No. 43-1721.

BOP Schematic

Class III BOP Stack



Class III Choke Manifold



NO Normally Open
NC Normally Closed

SAMSON RESOURCES COMPANY

SVA #23-33-2119

LOCATED IN GRAND COUNTY, UTAH
SECTION 33, T21S, R19E, S.L.B.&M.

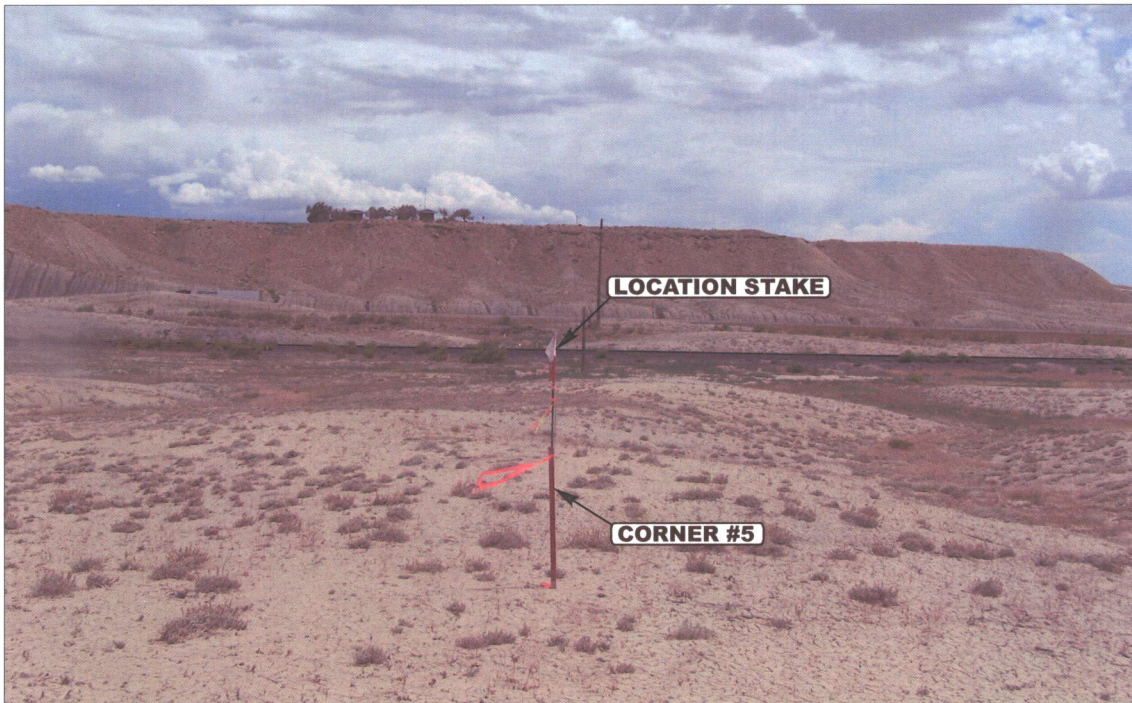


PHOTO: VIEW FROM CORNER #5 TO LOCATION STAKE

CAMERA ANGLE: SOUTHEASTERLY



PHOTO: VIEW FROM BEGINNING OF PROPOSED ACCESS

CAMERA ANGLE: SOUTHERLY



- Since 1964 -

UELS Uintah Engineering & Land Surveying
85 South 200 East Vernal, Utah 84078
(435) 789-1017 * FAX (435) 789-1813

LOCATION PHOTOS

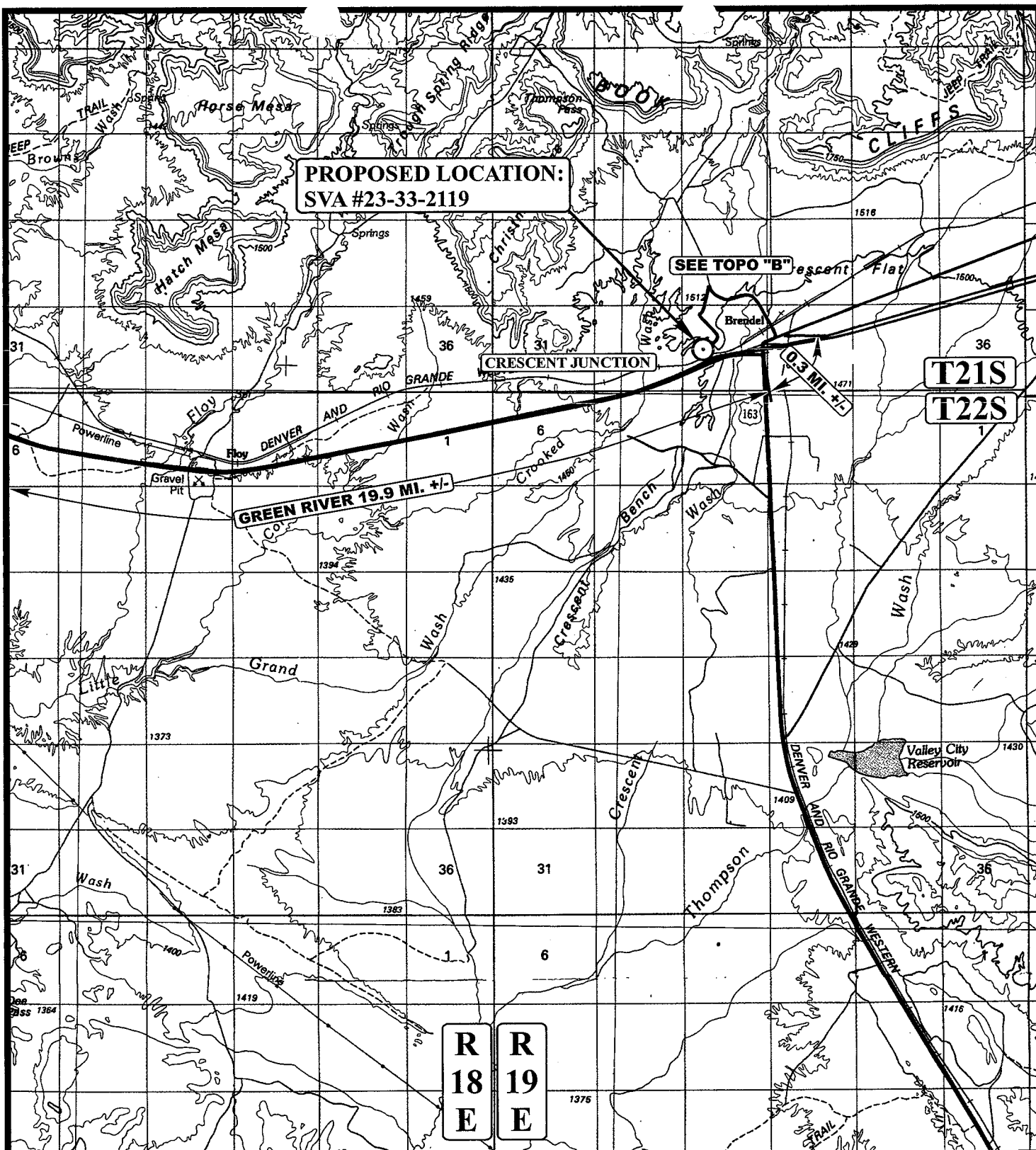
07 29 08
MONTH DAY YEAR

PHOTO

TAKEN BY: L.K.

DRAWN BY: D.P.

REVISED: 00-00-00



LEGEND:

○ PROPOSED LOCATION



Uintah Engineering & Land Surveying
85 South 200 East Vernal, Utah 84078
(435) 789-1017 * FAX (435) 789-1813



SAMSON RESOURCES COMPANY

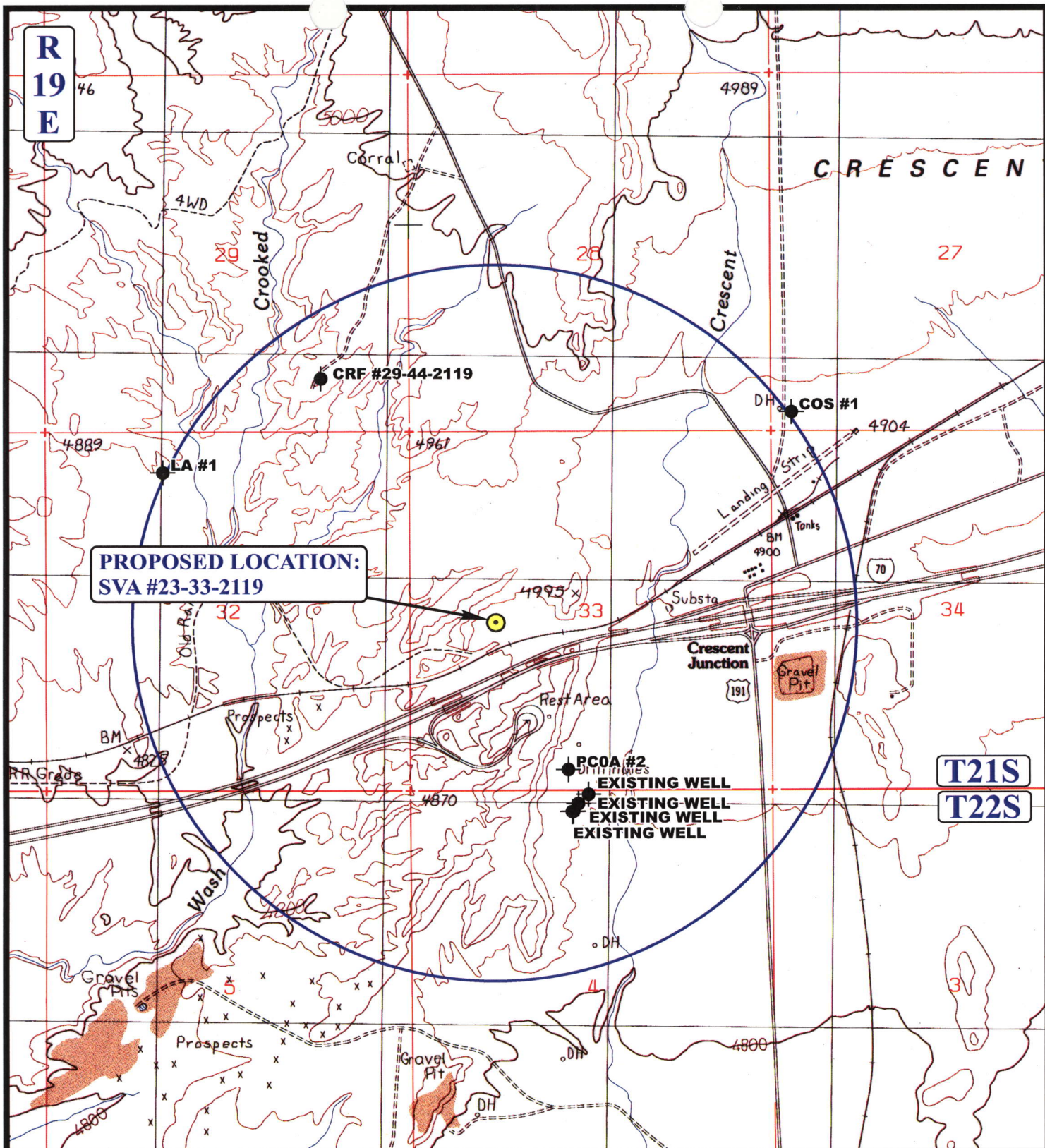
SVA #23-33-2119
SECTION 33, T21S, R19E, S.L.B.&M.
2486' FSL 1249' FWL

**TOPOGRAPHIC
MAP**

07 29 08
MONTH DAY YEAR

SCALE: 1:100,000 DRAWN BY: D.P. REVISED: 00-00-00





**PROPOSED LOCATION:
SVA #23-33-2119**

LEGEND:

- ⊗ DISPOSAL WELLS
- PRODUCING WELLS
- ⦿ SHUT IN WELLS
- ⦿ WATER WELLS
- ⦿ ABANDONED WELLS
- ⦿ TEMPORARILY ABANDONED

SAMSON RESOURCES COMPANY

SVA #23-33-2119

SECTION 33, T21S, R19E, S.L.B.&M.

2486' FSL 1249' FWL



Uintah Engineering & Land Surveying

85 South 200 East Vernal, Utah 84078
(435) 789-1017 * FAX (435) 789-1813



**TOPOGRAPHIC
MAP**

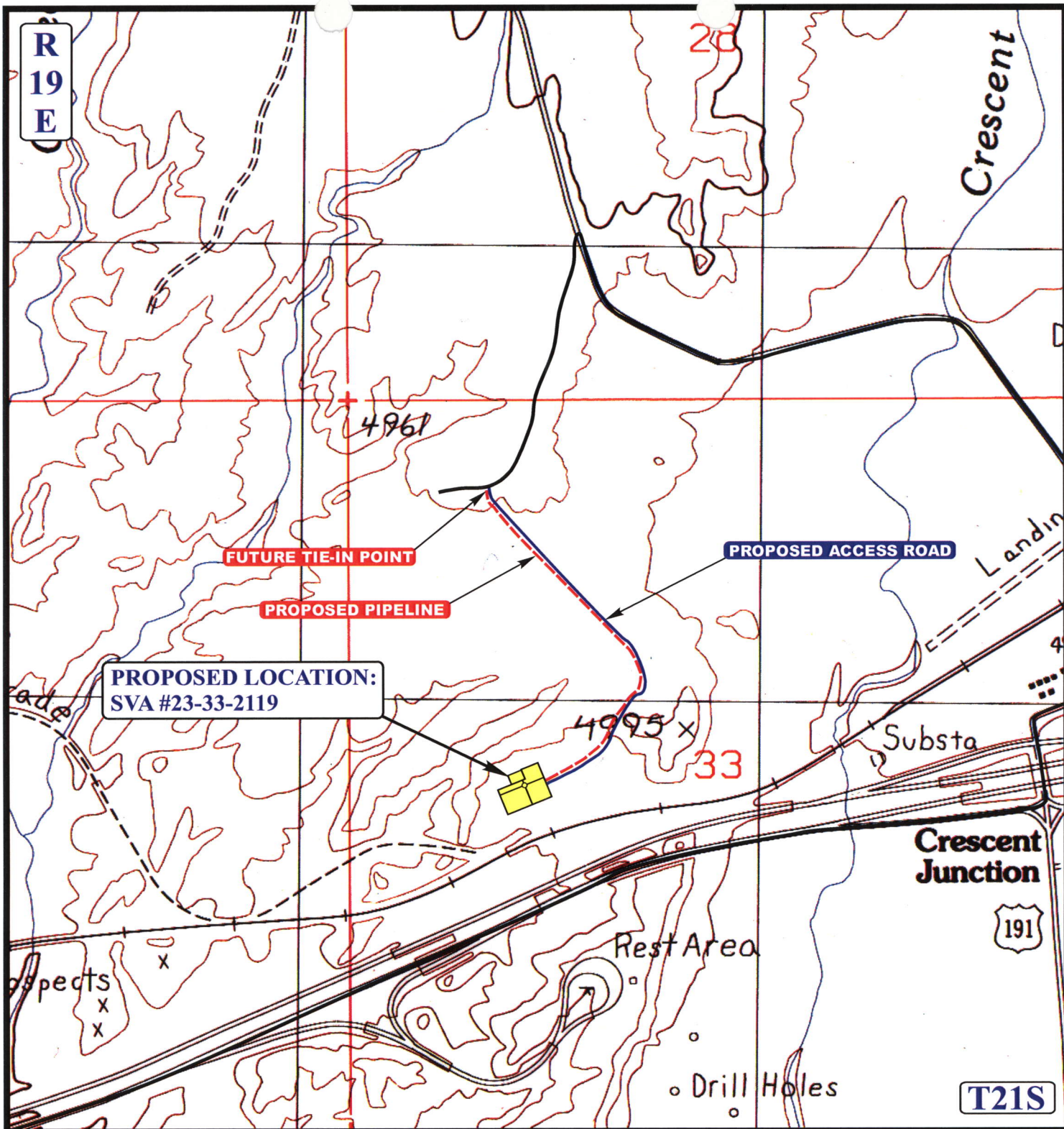
07 29 08
MONTH DAY YEAR

SCALE: 1" = 2000'

DRAWN BY: D.P.

REVISED: 00-00-00





APPROXIMATE TOTAL PIPELINE DISTANCE = 2820' +/-

LEGEND:

- PROPOSED ACCESS ROAD
- EXISTING PIPELINE
- - - - - PROPOSED PIPELINE

SAMSON RESOURCES COMPANY

SVA #23-33-2119

SECTION 33, T21S, R19E, S.L.B.&M.

2486' FSL 1249' FWL



Uintah Engineering & Land Surveying
85 South 200 East Vernal, Utah 84078
(435) 789-1017 * FAX (435) 789-1813



**TOPOGRAPHIC
MAP**

07 29 08
MONTH DAY YEAR

SCALE: 1" = 1000'

DRAWN BY: D.P.

REVISED: 00-00-00



SAMSON RESOURCES COM. ANY

LOCATION LAYOUT FOR

SVA #23-33-2119

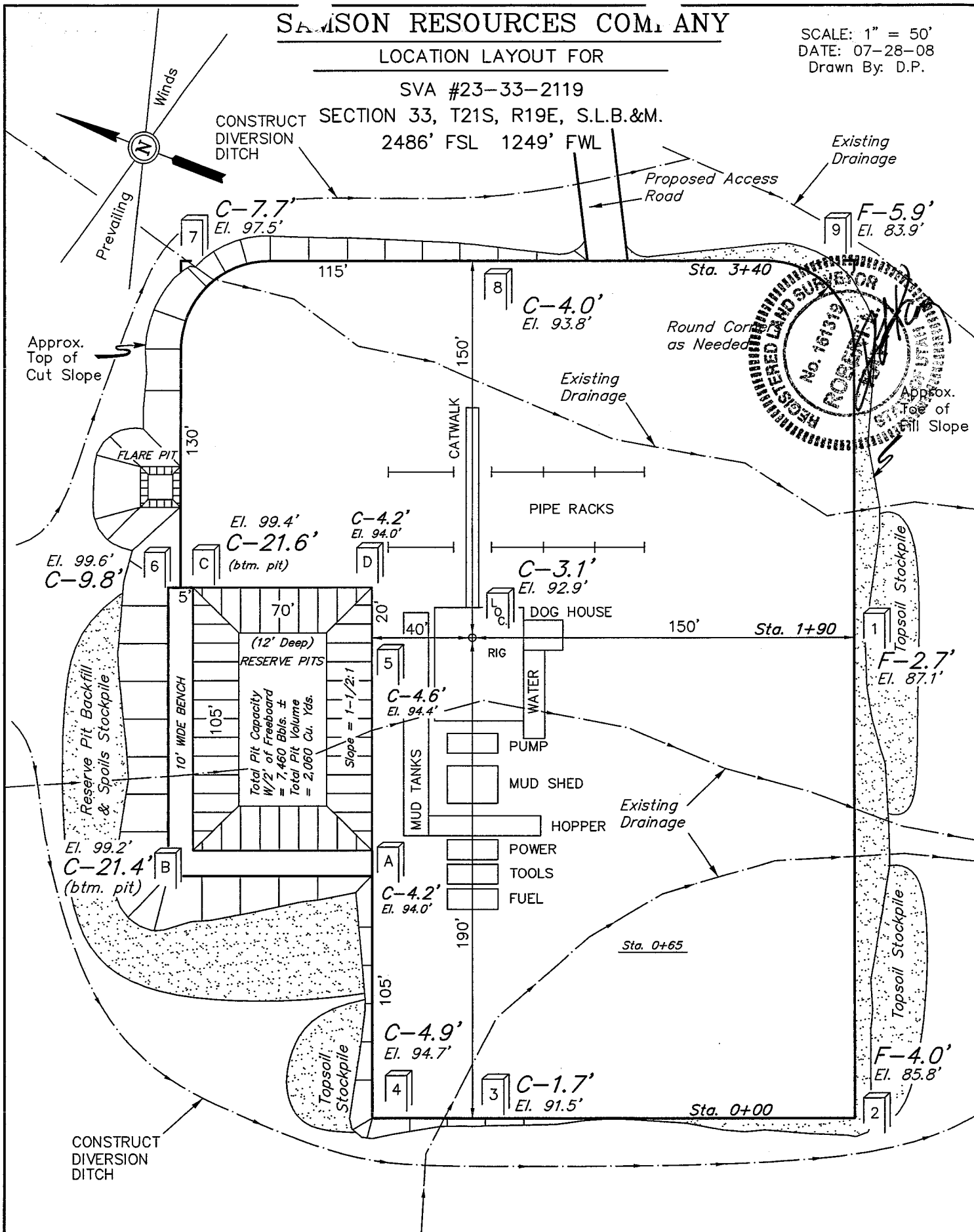
SECTION 33, T21S, R19E, S.L.B.&M.

2486' FSL 1249' FWL

SCALE: 1" = 50'

DATE: 07-28-08

Drawn By: D.P.



Elev. Ungraded Ground at Location Stake = 4892.9'
Elev. Graded Ground at Location Stake = 4889.8'

UINTAH ENGINEERING & LAND SURVEYING
85 So. 200 East * Vernal, Utah 84078 * (801) 789-1017

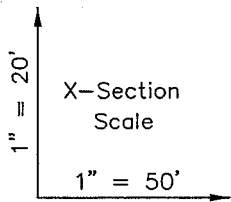
SMITHSON RESOURCES COMPANY

TYPICAL CROSS SECTIONS FOR

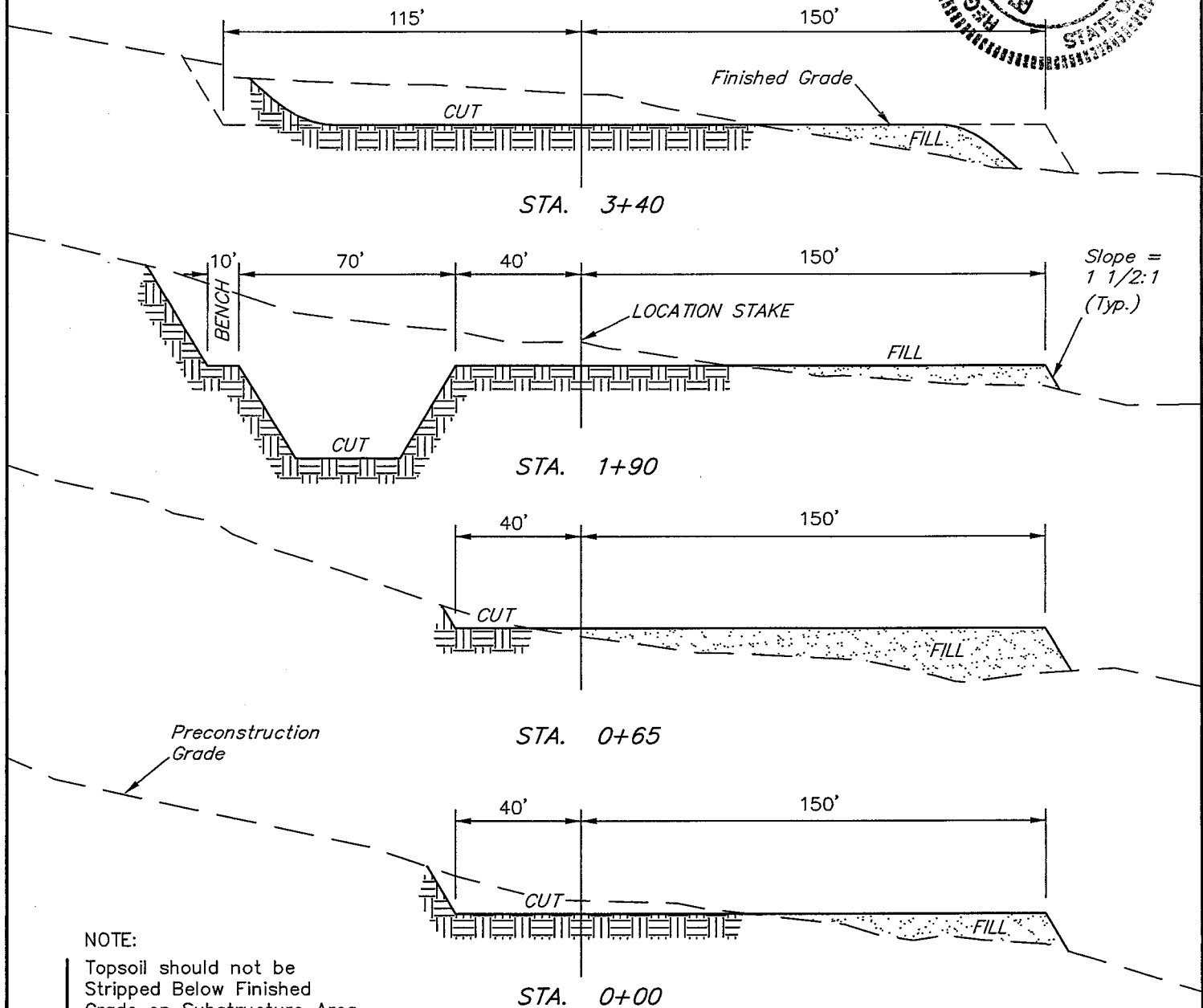
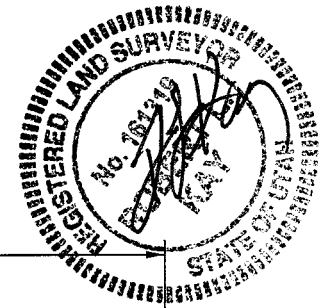
SVA #23-33-2119

SECTION 33, T21S, R19E, S.L.B.&M.

2486' FSL 1249' FWL



DATE: 07-28-08
Drawn By: D.P.



NOTE:

Topsoil should not be Stripped Below Finished Grade on Substructure Area.

APPROXIMATE YARDAGES

CUT

(6") Topsoil Stripping = 1,820 Cu. Yds.

Remaining Location = 7,850 Cu. Yds.

TOTAL CUT = 9,670 CU.YDS.

FILL = 6,820 CU.YDS.

* NOTE:

FILL QUANTITY INCLUDES 5% FOR COMPACTION

EXCESS MATERIAL = 2,850 Cu. Yds.

Topsoil & Pit Backfill (1/2 Pit Vol.) = 2,850 Cu. Yds.

EXCESS UNBALANCE (After Rehabilitation) = 0 Cu. Yds.

UINTAH ENGINEERING & LAND SURVEYING
85 So. 200 East * Vernal, Utah 84078 * (801) 789-1017

WORKSHEET
APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 08/05/2008

API NO. ASSIGNED: 43-019-31595

WELL NAME: SVA 23-33-2119

OPERATOR: SAMSON RESOURCES (N8020)

PHONE NUMBER: 303-857-9999

CONTACT: VENESSA LANGMACHER

PROPOSED LOCATION:

NWSW 33 210S 190E

SURFACE: 2486 FSL 1249 FWL

BOTTOM: 2486 FSL 1249 FWL

COUNTY: GRAND

LATITUDE: 38.94223 LONGITUDE: -109.8288

UTM SURF EASTINGS: 601502 NORTHINGS: 4310810

FIELD NAME: WILDCAT (1)

INSPECT LOCATN BY: / /

Tech Review

Initials

Date

Engineering

DKD

9/16/08

Geology

Surface

LEASE TYPE: 3 - State

LEASE NUMBER: ML-47576

SURFACE OWNER: 3 - State

PROPOSED FORMATION: CHIN

COALBED METHANE WELL? NO

RECEIVED AND/OR REVIEWED:

☒ Plat

☒ Bond: Fed[] Ind[] Sta[] Fee[]
(No. 104651103)

☒ Potash (Y/N)

☒ Oil Shale 190-5 (B) or 190-3 or 190-13

☒ Water Permit
(No. 43-1721)

☒ RDCC Review (Y/N)
(Date:)

☒ Fee Surf Agreement (Y/N)

☒ Intent to Commingle (Y/N)

LOCATION AND SITING:

___ R649-2-3.

Unit: SALT VALLEY ANTICLINE

___ R649-3-2. General

Siting: 460 From Qtr/Qtr & 920' Between Wells

☒ R649-3-3. Exception

___ Drilling Unit

Board Cause No: _____

Eff Date: _____

Siting: _____

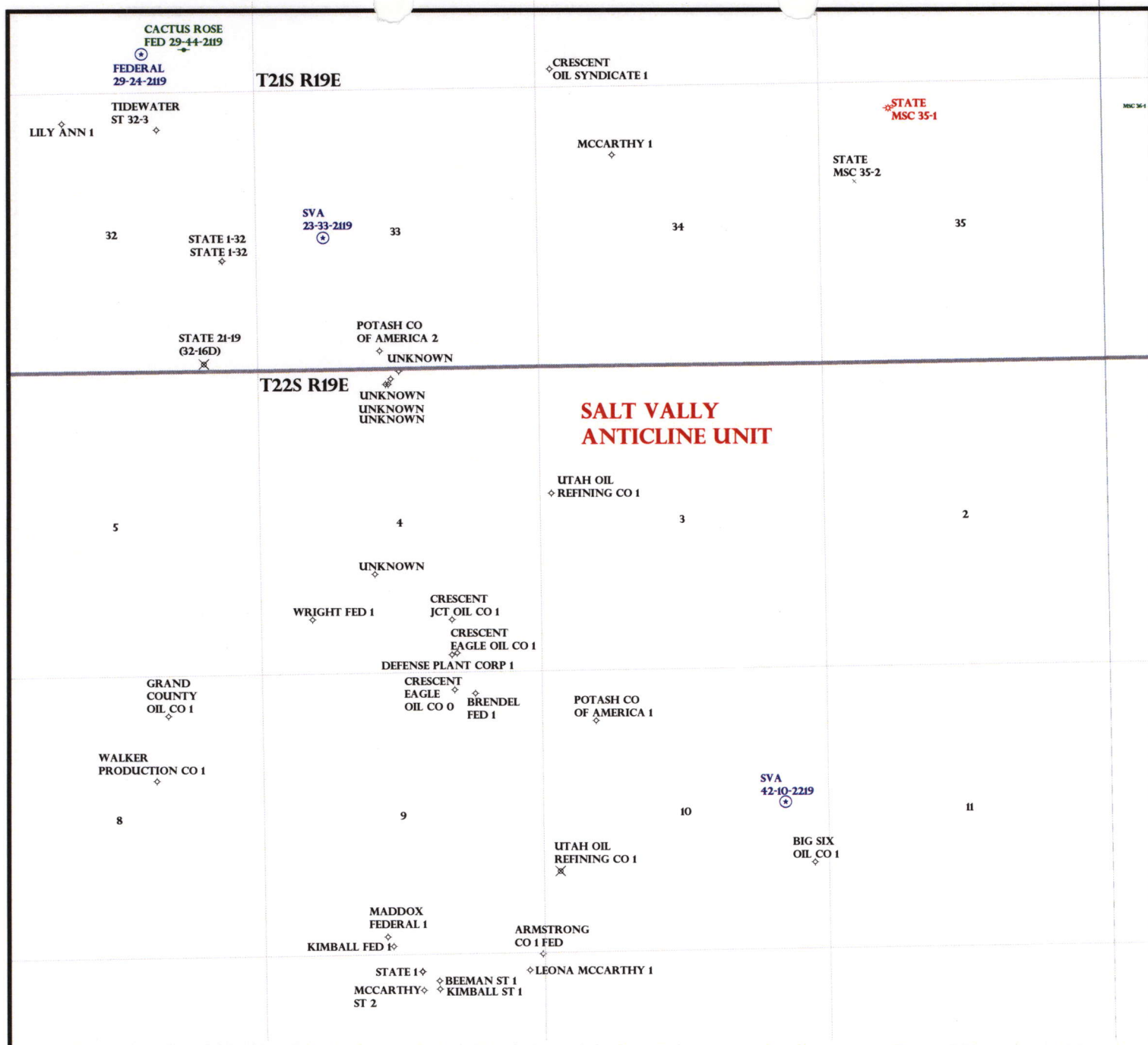
___ R649-3-11. Directional Drill

COMMENTS:

Need Perm (08-14-08)

STIPULATIONS:

*1- Spacing Strip
2- STATEMENT OF BASIS*



OPERATOR: SAMSON RES CO (N8020)

SEC: 33 T.21S R. 19E

FIELD: WILDCAT(001)

COUNTY: GRAND

SPACING: R649-3-3 / EXCEPTION LOCATION

Field Status

- ABANDONED
- ACTIVE
- COMBINED
- INACTIVE
- PROPOSED
- STORAGE
- TERMINATED

Unit Status

- EXPLORATORY
- GAS STORAGE
- NF PP OIL
- NF SECONDARY
- PENDING
- PI OIL
- PP GAS
- PP GEOTHERML
- PP OIL
- SECONDARY
- TERMINATED

Wells Status

- GAS INJECTION
- GAS STORAGE
- LOCATION ABANDONED
- NEW LOCATION
- PLUGGED & ABANDONED
- PRODUCING GAS
- PRODUCING OIL
- SHUT-IN GAS
- SHUT-IN OIL
- TEMP. ABANDONED
- TEST WELL
- WATER INJECTION
- WATER SUPPLY
- WATER DISPOSAL
- DRILLING



PREPARED BY: DIANA MASON
DATE: 6-AUGUST-2008

Application for Permit to Drill

Statement of Basis

9/9/2008

Utah Division of Oil, Gas and Mining

Page 1

APD No	API WellNo	Status	Well Type	Surf Ownr	CBM
916	43-019-31595-00-00		GW	S	No
Operator	SAMSON RESOURCES COMPANY		Surface Owner-APD		
Well Name	SVA 23-33-2119		Unit		
Field	UNDESIGNATED		Type of Work		
Location	NWSW 33 21S 19E S 2486 FSL 1249 FWL GPS Coord (UTM) 601502E 4310810N				

Geologic Statement of Basis

This well will spud into a poorly permeable soil formed on the Blue Gate Member of the Mancos Shale. No high quality water resource is likely to be encountered during the drilling of this well. The proposed casing and cement program will otherwise adequately isolate any water-bearing strata. Two underground water rights, including one by SITLA, and involving five wells have been filed within a mile of the location.

Chris Kierst
APD Evaluator

9/9/2008
Date / Time

Surface Statement of Basis

On-site evaluation conducted on August 14, 2008. In attendance: Bart Kettle-Division of Oil, Gas and Mining (DOGM), Leroy Mead-Division of Wildlife Resources (DWR), Ed Bonner-Trust Lands Administration (SITLA), Dusty Wilson-Ksue Construction, Josh Shumway-Ksue Construction, Lynn Davis-Samson Resources, Billy Box-Samson Resources, David Myers-Trigon EPC

Due to proposed projects visibility from I-70 scrutiny of activities should be anticipated. Precautions should be taken to maintain operations in a workmen like manner at all times. Water shall be applied to the well pad and access road for dust control. Upon the completion of drilling activity the reserve pit shall be fenced on all four sides.

Bart Kettle
Onsite Evaluator

8/14/2008
Date / Time

Conditions of Approval / Application for Permit to Drill

Category	Condition
Surface	Drainages adjacent to the proposed pad shall be diverted around the location.
Surface	The reserve pit shall be fenced upon completion of drilling operations.
Surface	Water shall be applied to the access road and well pad as deemed necessary for dust control.

ON-SITE PREDRILL EVALUATION

Utah Division of Oil, Gas and Mining

Operator SAMSON RESOURCES COMPANY
Well Name SVA 23-33-2119
API Number 43-019-31595-0 **APD No** 916 **Field/Unit** UNDESIGNATED
Location: 1/4,1/4 NWSW **Sec** 33 **Tw** 21S **Rng** 19E 2486 FSL 1249 FWL
GPS Coord (UTM) **Surface Owner**

Participants

Bart Kettle-DOGM, LeRoy Mead-DWR, Ed Bonner-SITLA, Dusty Wilson-Ksue Construction, Josh Shumway-Ksue Construction, Lynn Davis-Samson Resources, Billy Box-Samson Resources, David Myers-Trigon EPC

Regional/Local Setting & Topography

Proposed project site is located roughly 5 miles southwest of the town of Thompson Springs, in Grand County Utah. Annual precipitation is 6-8", vegetation is sparse at the project site, but would be described as salt scrub rangelands. Topography immediately adjacent to the project site is gently rolling clay flats. Drainage is to the south entering the Green River within 20 miles. No perennial water was observed in close proximity to the proposed project site. Drainages in the immediate area are ephemeral in nature, being dry throughout a majority of the year. On a regional setting the project is located in the Cisco Desert at the base of the Bookcliffs, a region known for it's harsh growing conditions due to low precipitation, and poorly developed salty soils. I-70, Hwy 191, east bound Crecenst Junction rest area, DOE uranium tailings transfer site and Union Pacific train tracks are all located in close proximity to the proposed project.

Surface Use Plan

Current Surface Use

Grazing

Wildlife Habitat

New Road

Miles	Well Pad	Src Const Material	Surface Formation
0.5	Width 340 Length 265		MNCS

Ancillary Facilities

Waste Management Plan Adequate?

Environmental Parameters

Affected Floodplains and/or Wetland N

Flora / Fauna

Flora:

Grass: Curly galleta, Salina rye, Indian rice grass.

Forbs: Desert trumpet, funnel lily, purple mustard, Cisco aster, rocky mountain aster, halogeton

Shrubs: Mat salt brush, winterfat, broom snakeweed, Nuttles salt brush.

Trees: None

Other: Cactus spp.

Soil Type and Characteristics

Gray clays typical of recently weathered Mancos shale.

Erosion Issues Y

Soils prone to wind erosion once disturbed, watering of access road and well pad while drilling recommended.

Sedimentation Issues N

Site Stability Issues N

Drainage Diversion Required Y

Multiple small drainages on the northern side of the proposed project require alteration to prevent overland flows of storm water from entering the well pad.

Berm Required? N

Erosion Sedimentation Control Required? N

Paleo Survey Run? Y **Paleo Potential Observed?** Y **Cultural Survey Run?** Y **Cultural Resources?** N

Reserve Pit

Site-Specific Factors

Site Ranking

Distance to Groundwater (feet)	>200	0
Distance to Surface Water (feet)	>1000	0
Dist. Nearest Municipal Well (ft)	>5280	0
Distance to Other Wells (feet)	>1320	0
Native Soil Type	Low permeability	0
Fluid Type	Fresh Water	5
Drill Cuttings	Normal Rock	0
Annual Precipitation (inches)	<10	0
Affected Populations	<10	0
Presence Nearby Utility Conduits	Not Present	0

Final Score 5 3 **Sensitivity Level**

Characteristics / Requirements

No liner required at this site.

Closed Loop Mud Required? N **Liner Required?** N **Liner Thickness** **Pit Underlayment Required?**

Other Observations / Comments

SITLA asking for the required surface bonding. Designation of operator hasn't been completed at the time of on-site according to SITLA.

DWR mentioned rolling clays hills in close proximity to the proposed project site are potential Ferruginous hawk nesting sites. No known nest occur within close proximity for the proposed project site. DWR commented that activity will increase the percent of state listed noxious weeds including Russian thistle, halogeton and cheat grass.

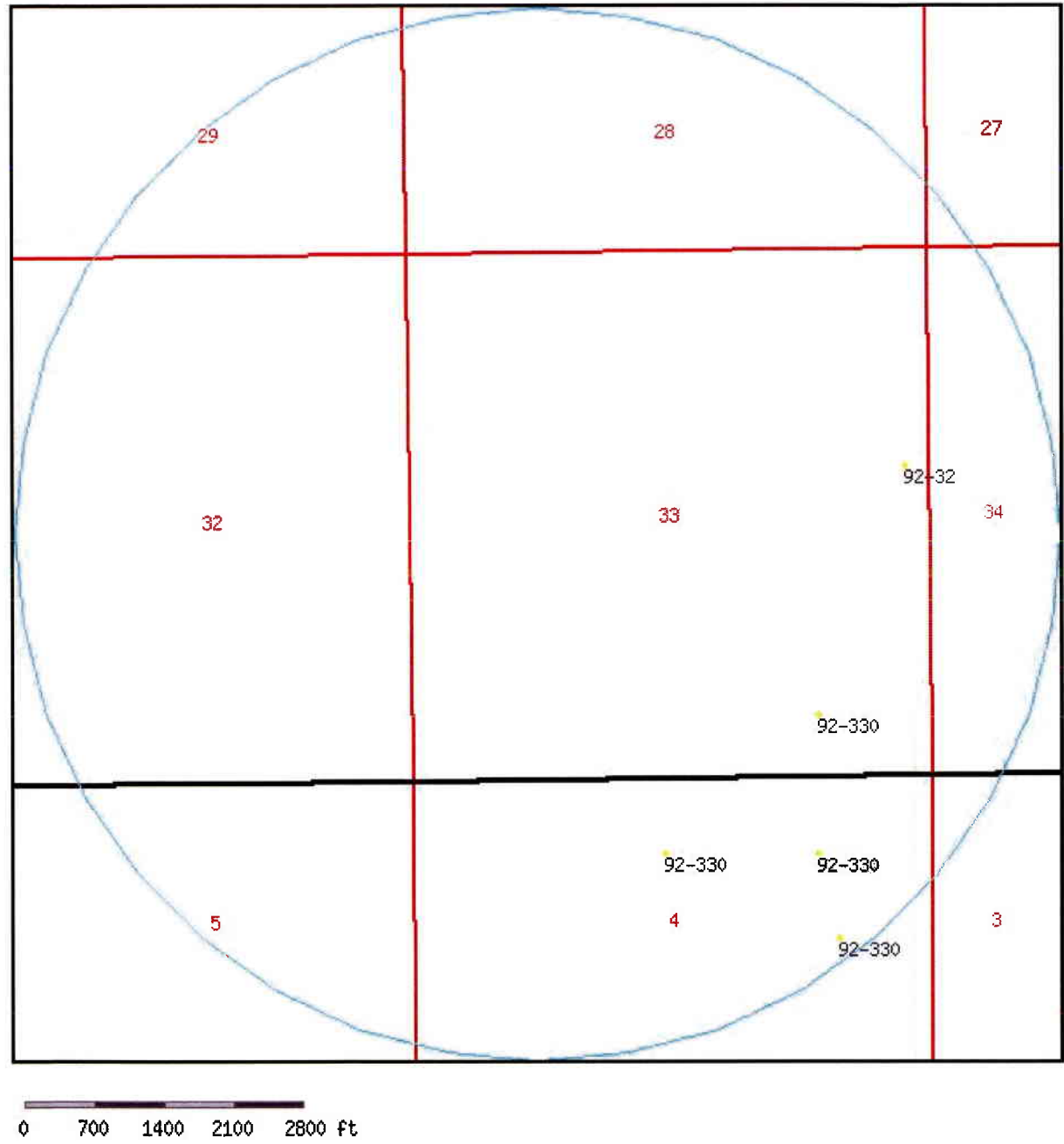
Bart Kettle
Evaluator

8/14/2008
Date / Time

WRPLAT Program Output Listing

Version: 2007.04.13.01 Rundate: 09/09/2008 10:33 AM

Radius search of 5280 feet from a point N2486 E1249 from the SW corner, section 33, Township 21S, Range 19E, SL b&m Criteria:wrtypes=W,C,E
podtypes=S,U,Sp status=U,A,P usetypes=all



Water Rights

WR Number	Diversion Type/Location	Well Log	Status	Priority	Uses	CFS	ACFT	Owner Name
<u>92-32</u>	Underground S2186 W230 NE 33 21S 19E SL		P	19530122	DIS	0.015	0.000	ERMA S. WIMMER THOMPSON UT UTAH SCHOOL AND INSTITUTIONAL TRUST LANDS ADMIN.
<u>92-330</u>	Underground S800 W2700 NE 04 22S 19E SL		U	19841016	DOX	11.200	8100.000	675 EAST 500 SOUTH, 5TH FLOOR UTAH SCHOOL AND INSTITUTIONAL TRUST LANDS ADMIN.
<u>92-330</u>	Underground S800 W1150 NE 04 22S 19E SL		U	19841016	DOX	11.200	8100.000	675 EAST 500 SOUTH, 5TH FLOOR UTAH SCHOOL AND INSTITUTIONAL TRUST LANDS ADMIN.
<u>92-330</u>	Underground N600 W1150 SE 33 21S 19E SL		U	19841016	DOX	11.200	8100.000	675 EAST 500 SOUTH, 5TH FLOOR UTAH SCHOOL AND INSTITUTIONAL TRUST LANDS ADMIN.
<u>92-330</u>	Underground S1650 W950 NE 04 22S 19E SL		U	19841016	DOX	11.200	8100.000	675 EAST 500 SOUTH, 5TH FLOOR UTAH SCHOOL AND INSTITUTIONAL TRUST LANDS ADMIN.

43019315950000 SVA 23-33-2119

Casing Schematic

Surface

TOC @
0.

Blue Gate of Mancos

8-5/8"
MW 8.4
Frac 19.3

TOC @
446.

Surface
500. MD

to surf w/ 9%

1317' Dakota
1387' Morrison

2293' Moab Tongue
2363' Entrada

2543' Carmel
2593' Navajo

2843' Kayenta

3332' Wingate

3554' Chinle

4-1/2"
MW 9.

Production
3650. MD

Well name:	43019315950000 SVA 23-33-2119	
Operator:	Sampson Resources Comapny	Project ID:
String type:	Surface	43-019-31595-0000
Location:	Grand County	

Design parameters:
Collapse

Mud weight: 8.400 ppg
Design is based on evacuated pipe.

Minimum design factors:
Collapse:

Design factor 1.125

Burst:

Design factor 1.00

Environment:

H2S considered? No
Surface temperature: 65 °F
Bottom hole temperature: 72 °F
Temperature gradient: 1.40 °F/100ft
Minimum section length: 120 ft

Cement top: Surface

Burst

Max anticipated surface pressure: 440 psi
Internal gradient: 0.120 psi/ft
Calculated BHP 500 psi

No backup mud specified.

Tension:

8 Round STC: 1.80 (J)
8 Round LTC: 1.80 (J)
Buttress: 1.60 (J)
Premium: 1.50 (J)
Body yield: 1.50 (B)

Tension is based on air weight.
Neutral point: 437 ft

Non-directional string.
Re subsequent strings:

Next setting depth: 3,650 ft
Next mud weight: 9.000 ppg
Next setting BHP: 1,706 psi
Fracture mud wt: 19.250 ppg
Fracture depth: 500 ft
Injection pressure: 500 psi

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Internal Capacity (ft³)
1	500	8.625	24.00	J-55	ST&C	500	500	7.972	178.8
Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (Kips)	Tension Strength (Kips)	Tension Design Factor
1	218	1370	6.279	500	2950	5.90	12	244	20.33 J

Prepared Helen Sadik-Macdonald
by: Div of Oil, Gas & Minerals

Phone: 810-538-5357

Date: September 15, 2008
Salt Lake City, Utah

ENGINEERING STIPULATIONS: NONE

Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Collapse is based on a vertical depth of 500 ft, a mud weight of 8.4 ppg. The casing is considered to be evacuated for collapse purposes.

Burst strength is not adjusted for tension.

Engineering responsibility for use of this design will be that of the purchaser.

Well name:	43019315950000 SVA 23-33-2119		
Operator:	Sampson Resources Comapny		
String type:	Production	Project ID:	43-019-31595-0000
Location:	Grand County		

Design parameters:

Collapse

Mud weight: 9.000 ppg
Design is based on evacuated pipe.

Minimum design factors:

Collapse:

Design factor 1.125

Burst:

Design factor 1.00

Environment:

H2S considered? No
Surface temperature: 65 °F
Bottom hole temperature: 116 °F
Temperature gradient: 1.40 °F/100ft
Minimum section length: 368 ft

Cement top: 446 ft

Burst

Max anticipated surface pressure: 903 psi
Internal gradient: 0.220 psi/ft
Calculated BHP 1,706 psi

No backup mud specified.

Tension:

8 Round STC: 1.80 (J)
8 Round LTC: 1.80 (J)
Buttress: 1.60 (J)
Premium: 1.50 (J)
Body yield: 1.50 (B)

Non-directional string.

Tension is based on air weight.
Neutral point: 3,159 ft

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Internal Capacity (ft³)
1	3650	4.5	11.60	S-95	LT&C	3650	3650	3.875	318.5
Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (Kips)	Tension Strength (Kips)	Tension Design Factor
1	1706	8650	5.069	1706	9240	5.41	42	245	5.79 J

Prepared by: Helen Sadik-Macdonald
Div of Oil, Gas & Minerals

Phone: 810-538-5357

Date: September 15, 2008
Salt Lake City, Utah

ENGINEERING STIPULATIONS: NONE

Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Collapse is based on a vertical depth of 3650 ft, a mud weight of 9 ppg. The casing is considered to be evacuated for collapse purposes.

Burst strength is not adjusted for tension.

Engineering responsibility for use of this design will be that of the purchaser.

BOPE REVIEW

Sampson SVA 23-33-2119 API 43-019-31595-0000

INPUT

Well Name

Casing Size (")

Setting Depth (TVD)

Previous Shoe Setting Depth (TVD)

Max Mud Weight (ppg)

BOPE Proposed (psi)

Casing Internal Yield (psi)

Operators Max Anticipated Pressure (psi)

Sampson SVA 23-33-2119 API 43-019-31595-0000

String 1	String 2		
8 5/8	4 1/2		
500	3650		
0	500		
8.4	9	✓	
500	3000		
2950	9240		
1600	8.4 ppg	✓	

Calculations

	String 1	8 5/8 "	
Max BHP [psi]	.052*Setting Depth*MW =	218	
			BOPE Adequate For Drilling And Setting Casing at Depth?
MASP (Gas) [psi]	Max BHP-(0.12*Setting Depth) =	158	YES ✓ Air Drill to surface shoe, if available; rotating head
MASP (Gas/Mud) [psi]	Max BHP-(0.22*Setting Depth) =	108	YES
			*Can Full Expected Pressure Be Held At Previous Shoe?
Pressure At Previous Shoe	Max BHP-.22*(Setting Depth - Previous Shoe Depth) =	108	← NO Reasonable Depth
Required Casing/BOPE Test Pressure		500 psi	
*Max Pressure Allowed @ Previous Casing Shoe =		0 psi	*Assumes 1psi/ft frac gradient

Calculations

	String 2	4 1/2 "	
Max BHP [psi]	.052*Setting Depth*MW =	1708	
			BOPE Adequate For Drilling And Setting Casing at Depth?
MASP (Gas) [psi]	Max BHP-(0.12*Setting Depth) =	1270	YES ✓
MASP (Gas/Mud) [psi]	Max BHP-(0.22*Setting Depth) =	905	YES
			*Can Full Expected Pressure Be Held At Previous Shoe?
Pressure At Previous Shoe	Max BHP-.22*(Setting Depth - Previous Shoe Depth) =	1015	← NO O.K.
Required Casing/BOPE Test Pressure		3000 psi	
*Max Pressure Allowed @ Previous Casing Shoe =		500 psi	*Assumes 1psi/ft frac gradient

United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Utah State Office
P.O. Box 45155
Salt Lake City, Utah 84145-0155

IN REPLY REFER TO:
3160
(UT-922)

August 7, 2008

Memorandum

To: Assistant Field Office Manager Resources,
Moab Field Office

From: Michael Coulthard, Petroleum Engineer

Subject: 2008 Plan of Development Salt Valley Anticline Unit, Grand
County, Utah.

Pursuant to email between Diana Whitney, Division of Oil, Gas and Mining, and Mickey Coulthard, Utah State Office, Bureau of Land Management, the following wells are planned for calendar year 2008 within the Salt Valley Anticline Unit, Grand County, Utah.

API #	WELL NAME	LOCATION
-------	-----------	----------

(Proposed PZ Chinle)

43-019-31595 SVA 23-33-2119 Sec 33 T21S R19E 2486 FSL 1249 FWL

(Proposed PZ Moenkopi)

43-019-31594 SVA 42-10-2219 Sec 10 T22S R19E 2546 FNL 0829 FEL

This office has no objection to permitting the wells at this time.

/s/ Michael L. Coulthard

bcc: File – Salt Valley Anticline
Division of Oil Gas and Mining
Central Files
Agr. Sec. Chron
Fluid Chron

MCoulthard:mc:8-7-08

From: Ed Bonner
To: Mason, Diana
Date: 9/15/2008 4:35 PM
Subject: Well Clearance

CC: Davis, Jim; Garrison, LaVonne; Hill, Brad; Jarvis, Dan; labrams@samp...
The following well has been given cultural resources and paleontological resources clearance by the Trust Lands Administration:

Samson Resources Company
SVA 23-33-2119 (API 43 019 31595)

If you have any questions regarding this matter please give me a call.



JON M. HUNTSMAN, JR.
Governor

GARY R. HERBERT
Lieutenant Governor

State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

September 17, 2008

Samson Resources Company
370-17th St., Ste. 3000
Denver, CO 80202

Re: SVA 23-33-2119 Well, 2486' FSL, 1249' FWL, NW SW, Sec. 33, T. 21 South,
R. 19 East, Grand County, Utah

Gentlemen:

Pursuant to the provisions and requirements of Utah Code Ann. § 40-6-1 *et seq.*, Utah Administrative Code R649-3-1 *et seq.*, and the attached Conditions of Approval, approval to drill the referenced well is granted.

Appropriate information has been submitted to DOGM and administrative approval of the requested exception location is hereby granted.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-019-31595.

Sincerely,

Gil Hunt
Associate Director

pab
Enclosures

cc: Grand County Assessor
SITLA
Bureau of Land Management, Moab Office



Operator: Samson Resources Company
Well Name & Number SVA 23-33-2119
API Number: 43-019-31595
Lease: ML-47576

Location: NW SW Sec. 33 T. 21 South R. 19 East

Conditions of Approval

1. General

Compliance with the requirements of Utah Admin. R. 649-1 *et seq.*, the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

2. Notification Requirements

The operator is required to notify the Division of Oil, Gas and Mining of the following action during drilling of this well:

- 24 hours prior to cementing or testing casing – contact Dan Jarvis
- 24 hours prior to testing blowout prevention equipment – contact Dan Jarvis
- 24 hours prior to spudding the well – contact Carol Daniels
- Within 24 hours of any emergency changes made to the approved drilling program – contact Dustin Doucet
- Prior to commencing operations to plug and abandon the well – contact Dan Jarvis

The operator is required to get approval from the Division of Oil, Gas and Mining before performing any of the following actions during the drilling of this well:

- Plugging and abandonment or significant plug back of this well – contact Dustin Doucet
- Any changes to the approved drilling plan – contact Dustin Doucet

The following are Division of Oil, Gas and Mining contacts and their telephone numbers (please leave a voice mail message if the person is not available to take the call):

- Dan Jarvis at: (801) 538-5338 office (801) 942-0871 home
- Carol Daniels at: (801) 538-5284 office
- Dustin Doucet at: (801) 538-5281 office (801) 733-0983 home

3. Reporting Requirements

All required reports, forms and submittals will be promptly filed with the Division, including but not limited to the Entity Action Form (Form 6), Report of Water Encountered During Drilling (Form 7), Weekly Progress Reports for drilling and completion operations, and Sundry Notices and Reports on Wells requesting approval of change of plans or other operational actions.

4. Compliance with the State of Utah Antiquities Act forbids disturbance of archeological, historical, or paleontological remains. Should archeological, historical or paleontological remains be encountered during your operations, you are required to immediately suspend all operations and immediately inform the Trust Lands Administration and the Division of State History of the discovery of such remains.
5. This proposed well is located in an area for which drilling units (well spacing patterns) have not been established through an order of the Board of Oil, Gas and Mining (the "Board"). In order to avoid the possibility of waste or injury to correlative rights, the operator is requested, once the well has been drilled, completed, and has produced, to analyze geological and engineering data generated therefrom, as well as any similar data from surrounding areas if available. As soon as is practicable after completion of its analysis, and if the analysis suggests an area larger than the quarter-quarter section upon which the well is located is being drained, the operator is requested to seek an appropriate order from the Board establishing drilling and spacing units in conformance with such analysis by filing a Request for Agency Action with the Board.
7. Compliance with the Conditions of Approval/Application for Permit to Drill outlined in the Statement of Basis. (Copy Attached)

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER _____		5. LEASE DESIGNATION AND SERIAL NUMBER ML-47576
2. NAME OF OPERATOR: Samson Resources Company		6. IF INDIAN, ALLOTTEE OR TRIBE NAME: N/A
3. ADDRESS OF OPERATOR: 370 17th Street, Ste 3000 Denver CO 80226		7. UNIT or CA AGREEMENT NAME: Salt Valley Anticline Unit
4. LOCATION OF WELL: FOOTAGES AT SURFACE 2486' FSL & 1249' FWL; BHL: 1718' FSL & 281' FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN NWSW 33 21S 19E		8. WELL NAME and NUMBER: SVA 23-33-2119
PHONE NUMBER (720) 239-4365		9. API NUMBER: 4301931595
		10. FIELD AND POOL OR WILDCAT: Wildcat

COUNTY: **Grand**

STATE **UTAH**

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: 9/28/2008	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input checked="" type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
<input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion:	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> OTHER: _____
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Please be advised that Samson Resources has chosen to drill the above captioned well as a directional well rather than the originally permitted vertical well.

The directional well surface hole location will remain the same at 2486' FSL & 1249' FWL.
The new bottom hole location will be 1718' FSL & 281' FWL.

The total vertical depth will remain the same as originally permitted, however the measured depth has changed from 3650' to 3984'.

Please see the attached revised plats and directional drilling plan.
All other information regarding this APD shall remain the same.

COPY SENT TO OPERATOR

Date: **2-29-2008**

Initials: **KS**

601211X
43105724
38.940018
109.832203

NAME (PLEASE PRINT): **Georganne Mitchell**

TITLE: **Sr. District Surface Landman**

SIGNATURE: *Georganne Mitchell*

DATE: **9/25/2008**

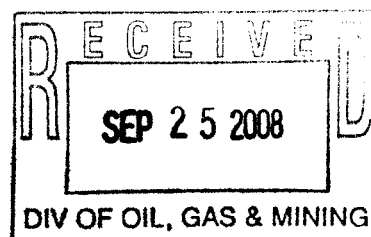
(This space for State use only)

**APPROVED BY THE STATE
OF UTAH DIVISION OF
OIL, GAS, AND MINING**

DATE: **9/25/08**

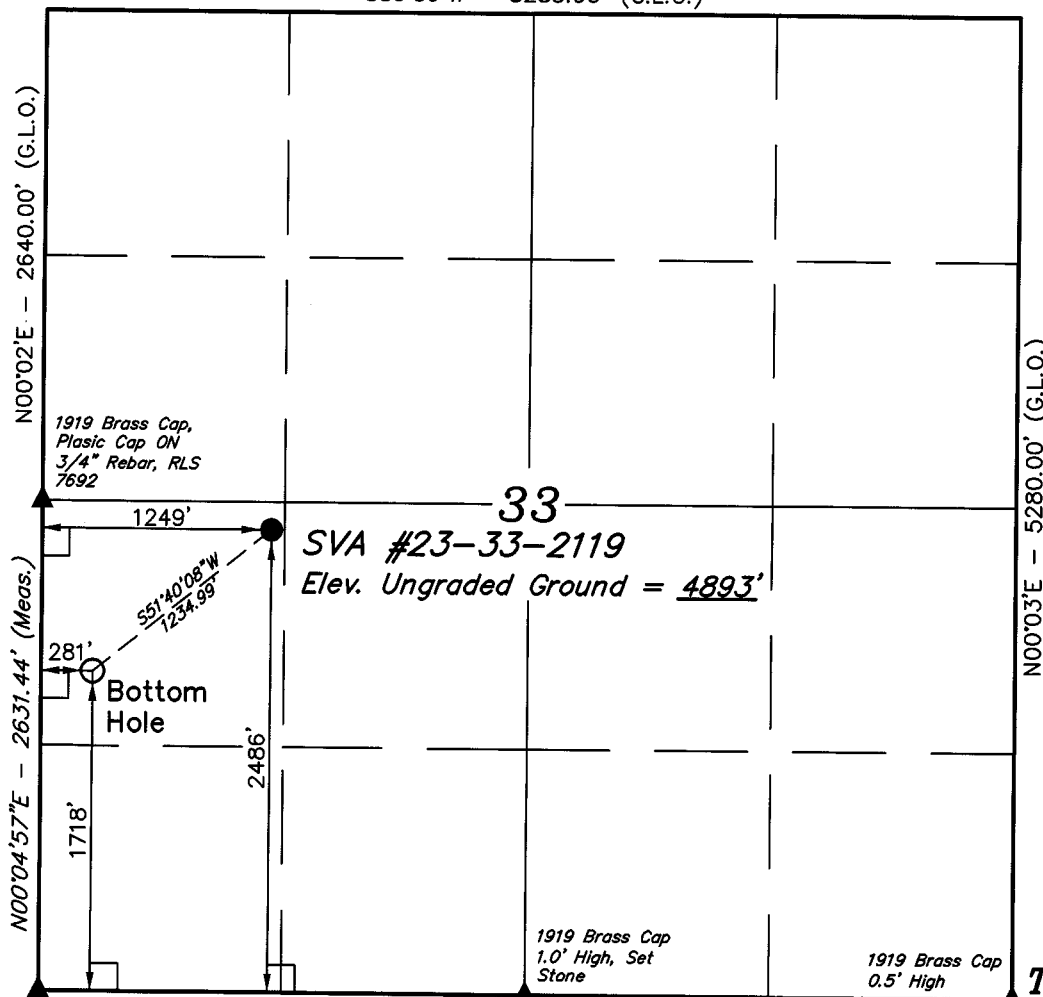
(See Instructions on Reverse Side)

BY: *[Signature]*



T21S, R19E, S.L.B.&M.

S89°59'W - 5283.96' (G.L.O.)



1919 Brass Cap
1.0' High, Pile of
Stones

LEGEND:

- └─┘ = 90° SYMBOL
- = PROPOSED WELL HEAD.
- ▲ = SECTION CORNERS LOCATED.

NAD 83 (TARGET BOTTOM HOLE)	NAD 83 (SURFACE LOCATION)
LATITUDE = 38°56'24.37" (38.940103)	LATITUDE = 38°56'31.95" (38.942208)
LONGITUDE = 109°49'59.04" (109.833067)	LONGITUDE = 109°49'46.79" (109.829664)
NAD 27 (TARGET BOTTOM HOLE)	NAD 27 (SURFACE LOCATION)
LATITUDE = 38°56'24.47" (38.940131)	LATITUDE = 38°56'32.05" (38.942236)
LONGITUDE = 109°49'56.59" (109.832386)	LONGITUDE = 109°49'44.34" (109.828983)

SAMSON RESOURCES COMPANY

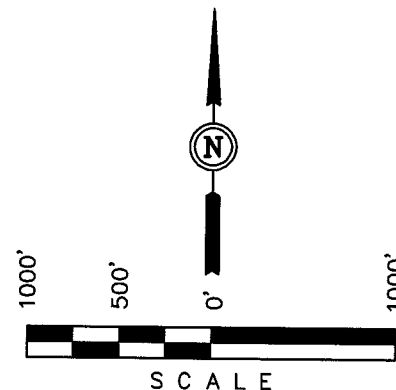
Well location, SVA #23-33-2119, located as shown in the NW 1/4 SW 1/4 of Section 33, T21S, R19E, S.L.B.&M., Grand County, Utah.

BASIS OF BEARINGS

BASIS OF BEARINGS IS A G.P.S. OBSERVATION.

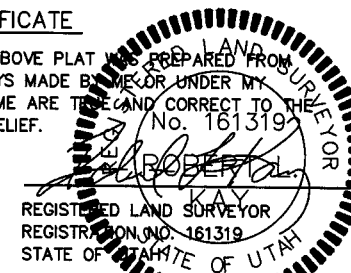
BASIS OF ELEVATION

SPOT ELEVATION LOCATED AT THE SOUTHWEST CORNER OF SECTION 14, T22S, R19E, S.L.B.&M. TAKEN FROM THE CRESCENT JUNCTION QUADRANGLE, UTAH, GRAND COUNTY, 7.5 MINUTE SERIES (TOPOGRAPHICAL MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 4692 FEET.



CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.



REVISED: 09-19-08

UINTAH ENGINEERING & LAND SURVEYING
85 SOUTH 200 EAST - VERNAL, UTAH 84078
(435) 789-1017

SCALE 1" = 1000'	DATE SURVEYED: 07-22-08	DATE DRAWN: 07-28-08
PARTY L.K. D.D. D.P.	REFERENCES G.L.O. PLAT	
WEATHER HOT	FILE SAMSON RESOURCES COMPANY	

SAMSON RESOURCES COMPANY

SVA #23-33-2119

**LOCATED IN GRAND COUNTY, UTAH
SECTION 33, T21S, R19E, S.L.B.&M.**

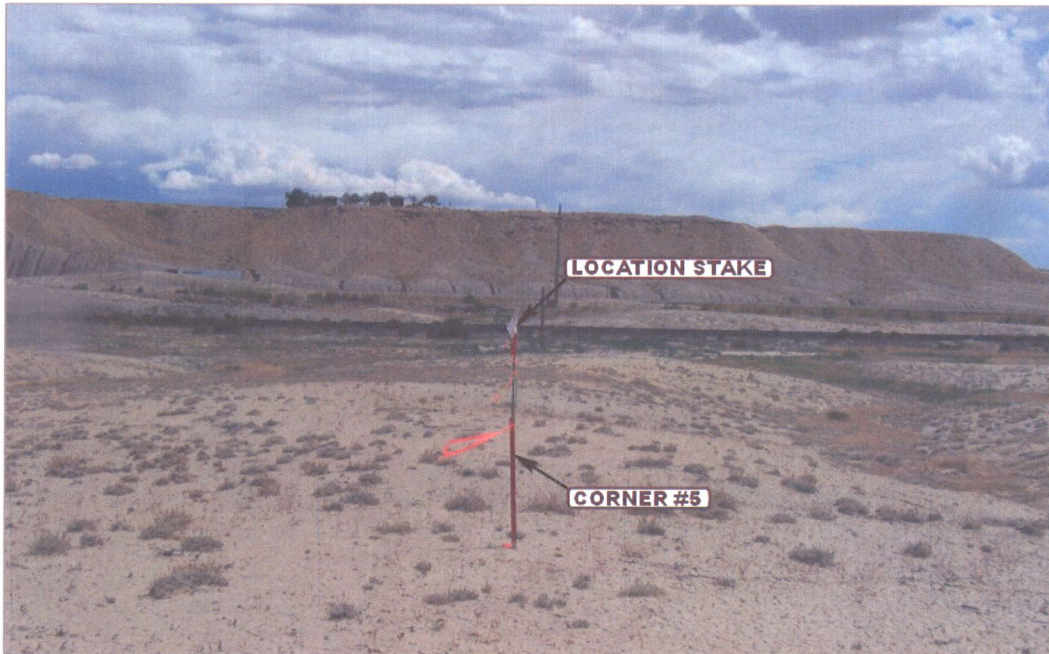


PHOTO: VIEW FROM CORNER #5 TO LOCATION STAKE

CAMERA ANGLE: SOUTHEASTERLY



PHOTO: VIEW FROM BEGINNING OF PROPOSED ACCESS

CAMERA ANGLE: SOUTHERLY



- Since 1964 -

**U
E
L
S**

Uintah Engineering & Land Surveying
85 South 200 East Vernal, Utah 84078
(435) 789-1017 * FAX (435) 789-1813

LOCATION PHOTOS

07 **29** **08**
MONTH DAY YEAR

PHOTO

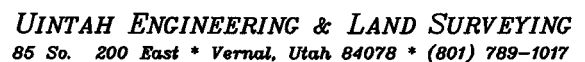
TAKEN BY: L.K.

DRAWN BY: D.P.

REVISED: 00-00-00

LOCATION LAYOUT FOR

SVA #23-33-2119
SECTION 33, T21S, R19E, S.L.B.&M.
2486' FSL 1249' FWL |



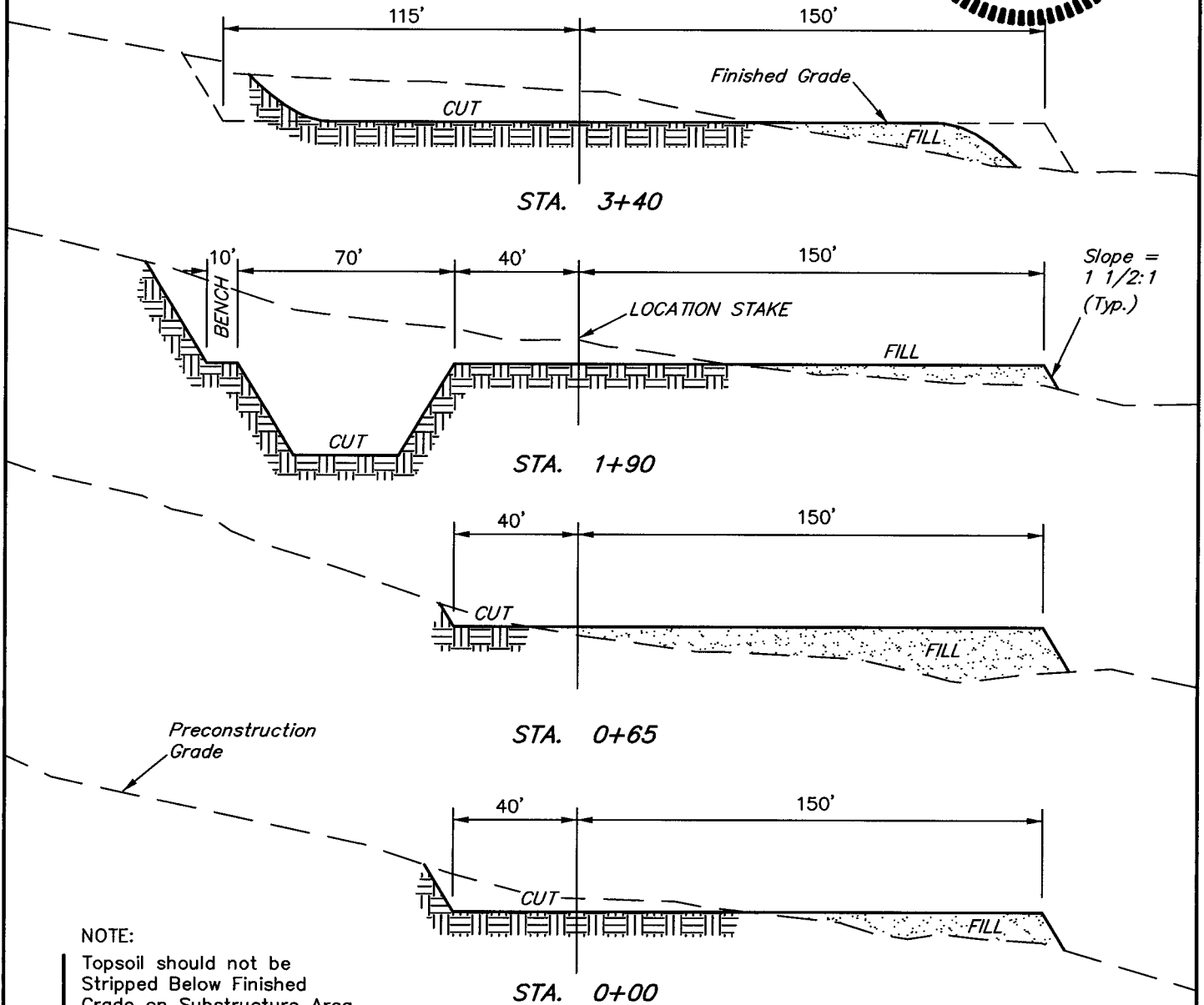
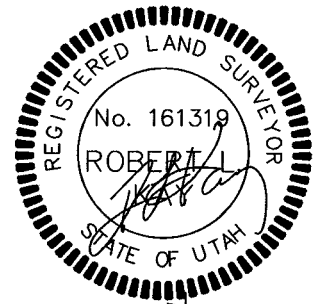
SAMSON RESOURCES COMPANY

TYPICAL CROSS SECTIONS FOR

SVA #23-33-2119
SECTION 33, T21S, R19E, S.L.B.&M.
2486' FSL 1249' FWL

1" = 20'
X-Section
Scale
1" = 50'

DATE: 07-28-08
Drawn By: D.P.



NOTE:
Topsoil should not be
Stripped Below Finished
Grade on Substructure Area.

APPROXIMATE YARDAGES

CUT

(6") Topsoil Stripping = 1,820 Cu. Yds.

Remaining Location = 7,850 Cu. Yds.

TOTAL CUT = 9,670 CU.YDS.

FILL = 6,820 CU.YDS.

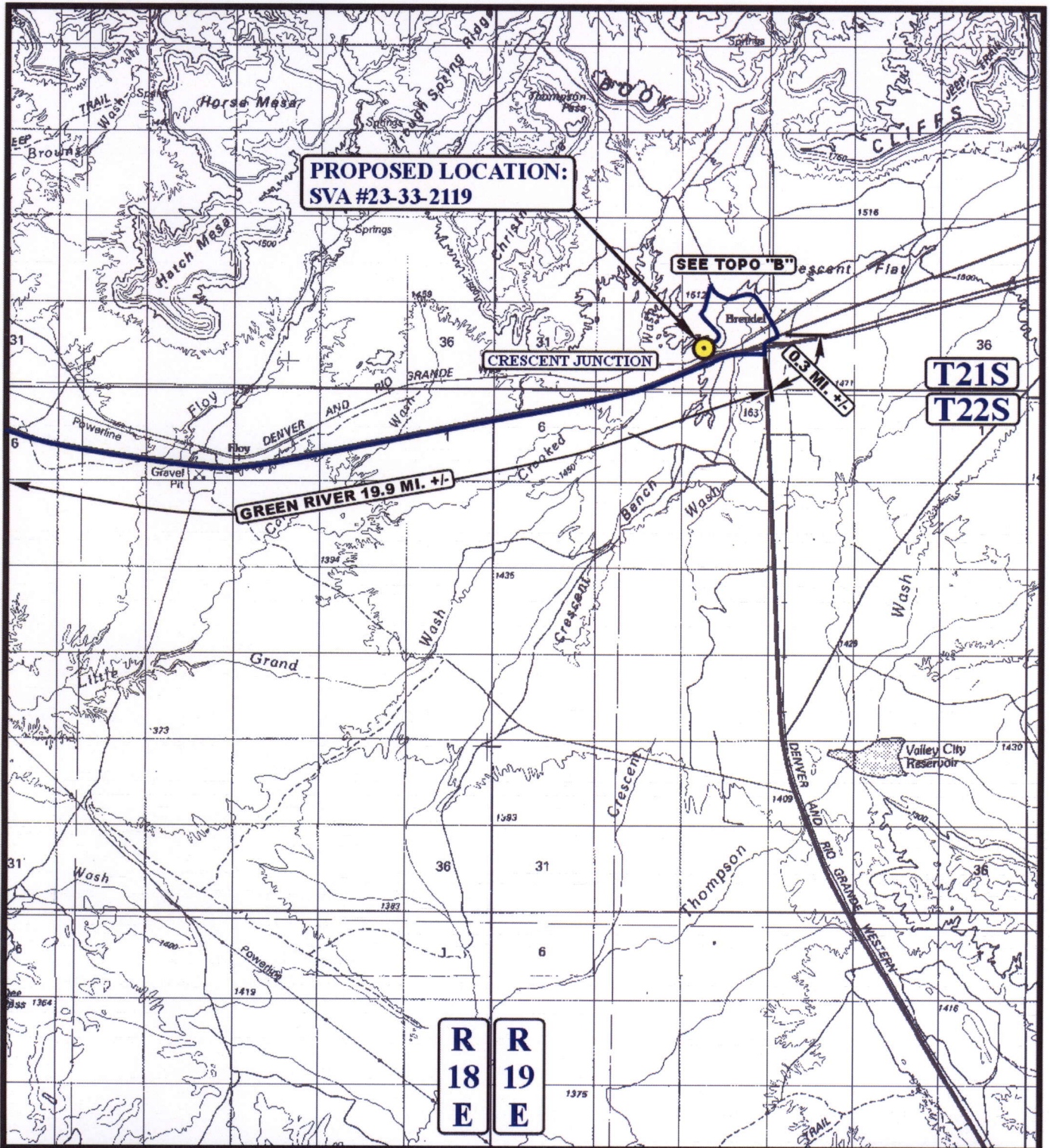
* NOTE:
FILL QUANTITY INCLUDES
5% FOR COMPACTION

EXCESS MATERIAL = 2,850 Cu. Yds.

Topsoil & Pit Backfill
(1/2 Pit Vol.) = 2,850 Cu. Yds.

EXCESS UNBALANCE
(After Rehabilitation) = 0 Cu. Yds.

UINTAH ENGINEERING & LAND SURVEYING
85 So. 200 East * Vernal, Utah 84078 * (801) 789-1017



LEGEND:

PROPOSED LOCATION



SAMSON RESOURCES COMPANY

SVA #23-33-2119

**SECTION 33, T21S, R19E, S.L.B.&M.
2486' FSL 1249' FWL**



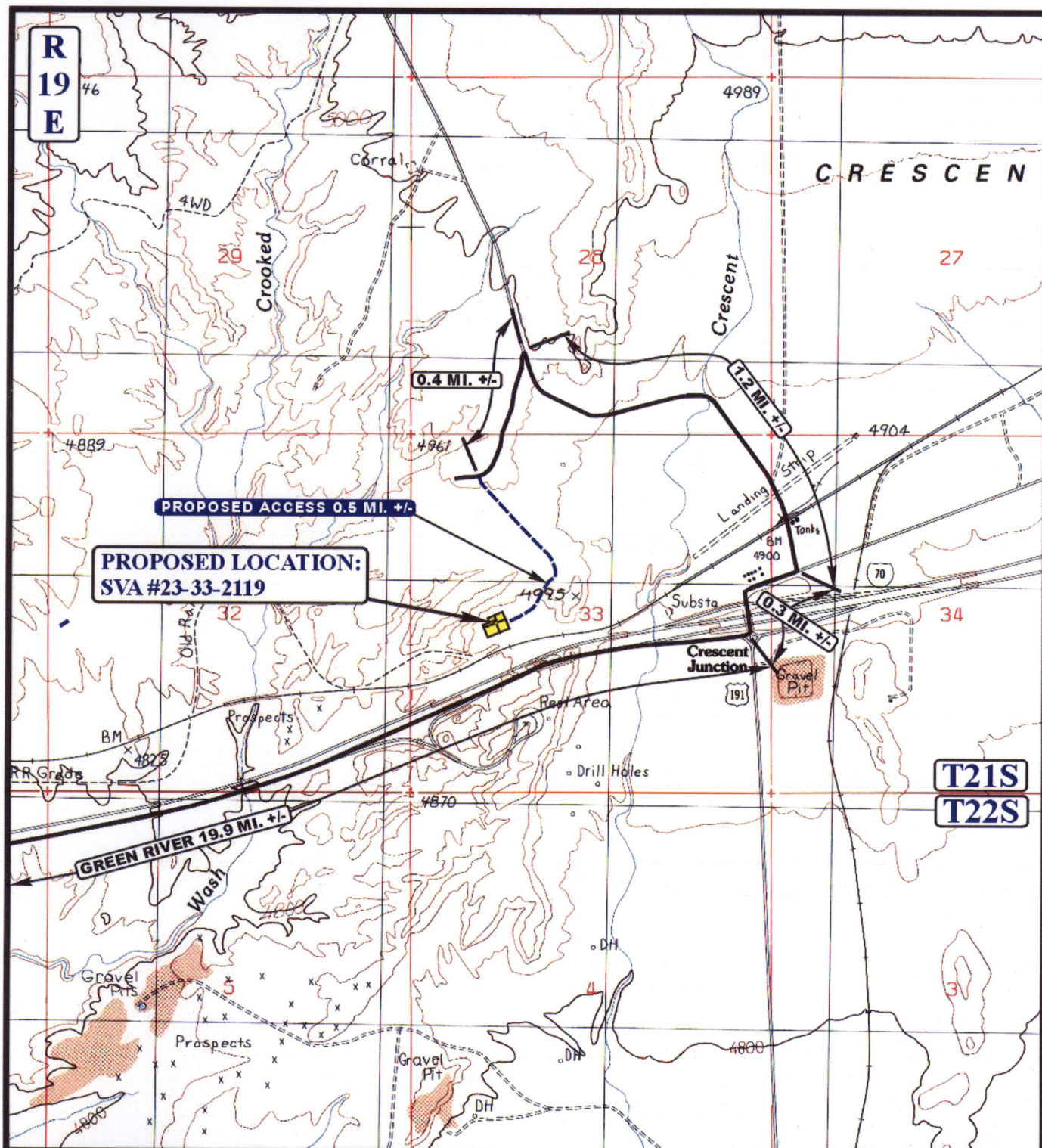
Uintah Engineering & Land Surveying
85 South 200 East Vernal, Utah 84078
(435) 789-1017 * FAX (435) 789-1813

**TOPOGRAPHIC
MAP**

07 29 08
MONTH DAY YEAR

SCALE: 1:100,000 DRAWN BY: D.P. REVISED: 00-00-00





LEGEND:

————— EXISTING ROAD
 - - - - - PROPOSED ACCESS ROAD

SAMSON RESOURCES COMPANY

SVA #23-33-2119

**SECTION 33, T21S, R19E, S.L.B.&M.
2486' FSL 1249' FWL**



Utah Engineering & Land Surveying
85 South 200 East Vernal, Utah 84078
(435) 789-1017 * FAX (435) 789-1813

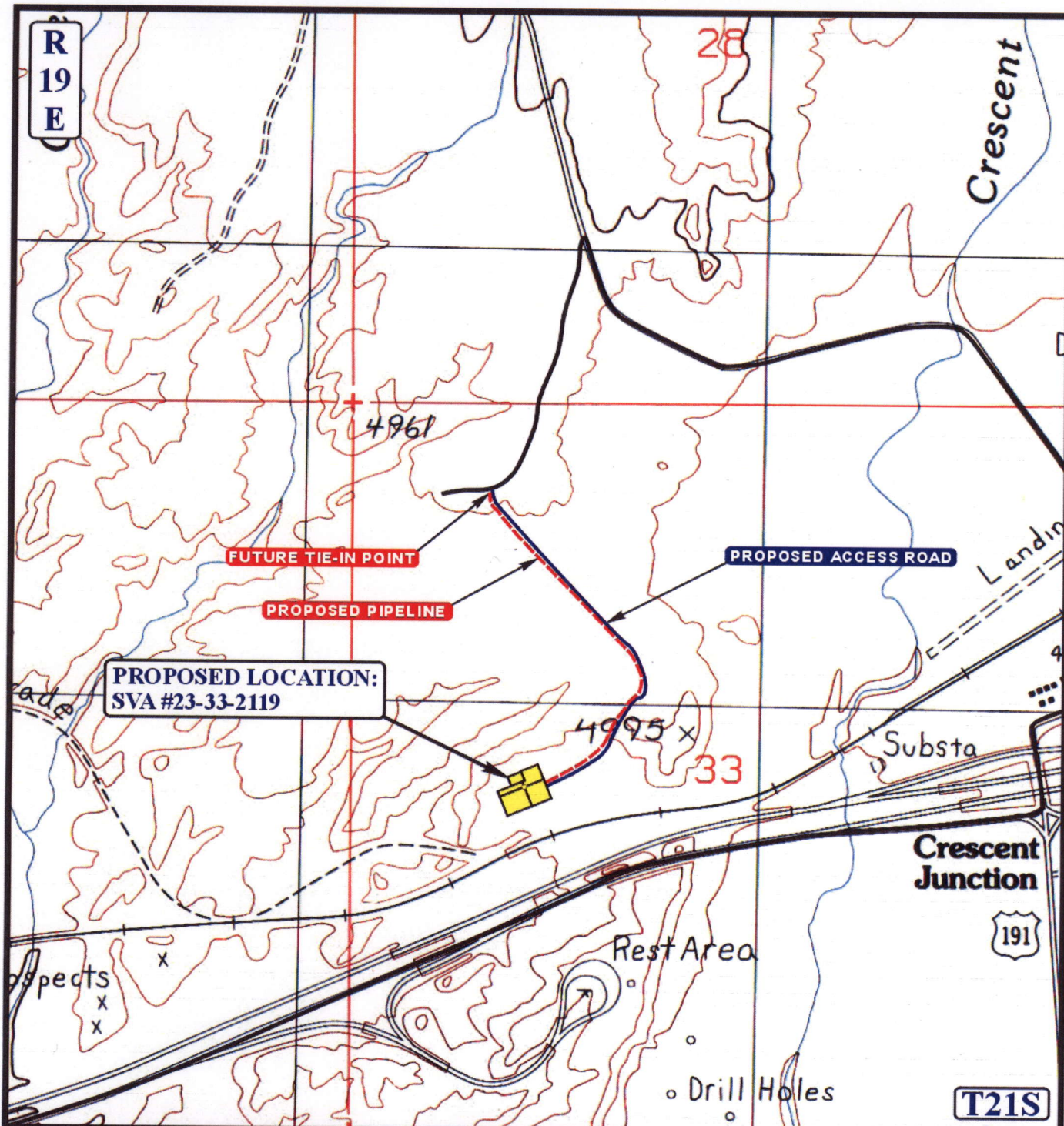
TOPOGRAPHIC	07	29	08
MAP	MONTH	DAY	YEAR

07	29	08
MONTH	DAY	YEAR

SCALE: 1" = 2000' DRAWN BY: D.P. REVISED: 00-00-00

B

TOPC



APPROXIMATE TOTAL PIPELINE DISTANCE = 2820' +/-

LEGEND:

- PROPOSED ACCESS ROAD
- - - - - EXISTING PIPELINE
- - - - - PROPOSED PIPELINE



SAMSON RESOURCES COMPANY

SVA #23-33-2119
SECTION 33, T21S, R19E, S.L.B.&M.
2486' FSL 1249' FWL



Uintah Engineering & Land Surveying
85 South 200 East Vernal, Utah 84078
(435) 789-1017 * FAX (435) 789-1813

TOPOGRAPHIC
MAP

07 **29** **08**
 MONTH DAY YEAR

SCALE: 1" = 1000' DRAWN BY: D.P. REVISED: 00-00-00

D
TOPO



Samson Resources Company

Paradox Basin (Utah)

Grand County Utah

SVA 23-33-2219

Original Hole

Plan: Plan #2

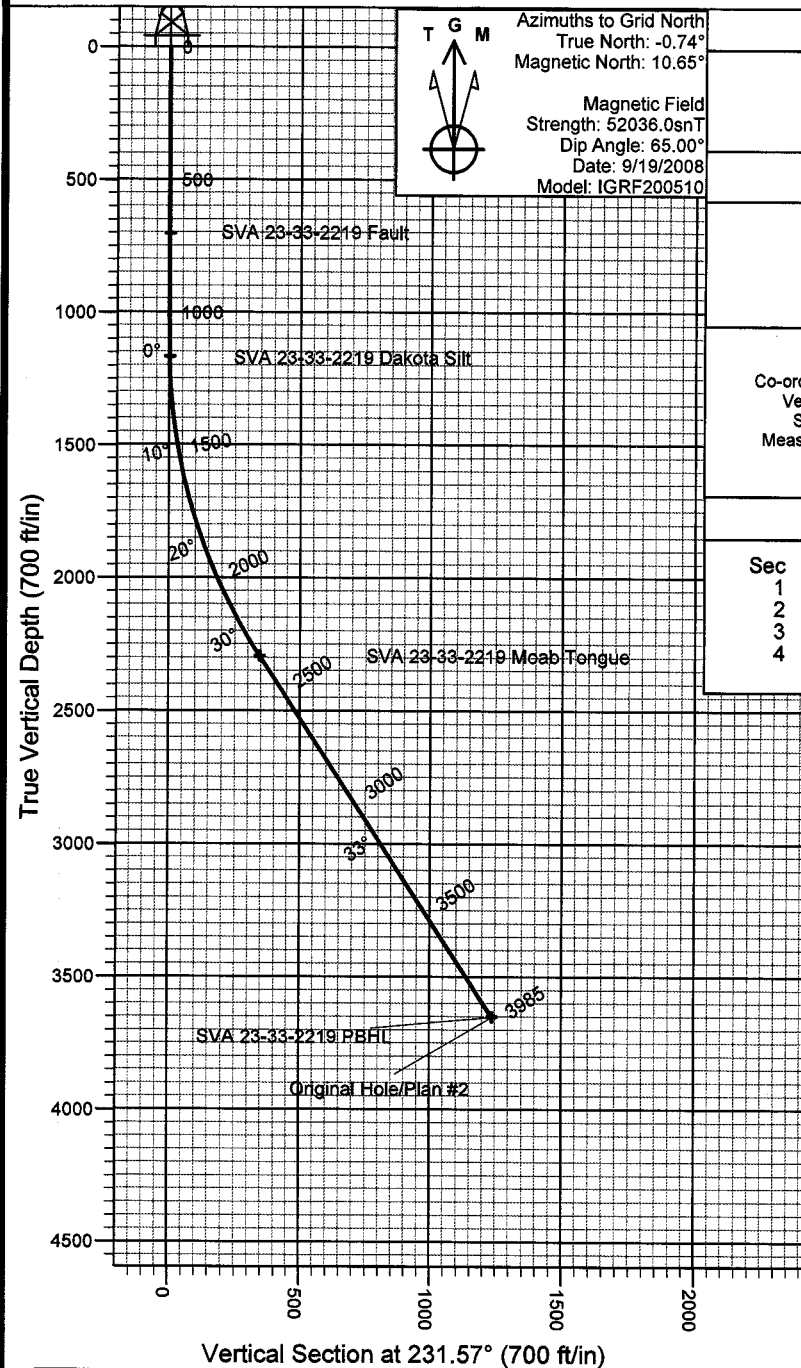
Standard Planning Report

19 September, 2008





Project: Paradox Basin (Utah)
 Site: Grand County Utah
 Well: SVA 23-33-2219
 Wellbore: Original Hole
 Design: Plan #2



Azimuths to Grid North
 True North: -0.74°
 Magnetic North: 10.65°
 Magnetic Field
 Strength: 52036.0snT
 Dip Angle: 65.00°
 Date: 9/19/2008
 Model: IGRF200510

WELL DETAILS: SVA 23-33-2219

+N/-S	+E/-W	Northing	Easting	Latitude	Longitude
0.0	0.0	14142939.48	1973574.46	38° 56' 30.923 N	109° 49' 41.874 W

WELLBORE TARGET DETAILS (LAT/LONG)

Name	TVD	+N/-S	+E/-W	Latitude	Longitude	Shape
SVA 23-33-2219 Fault	703.0	0.0	0.0	38° 56' 30.923 N	109° 49' 41.874 W	Point
SVA 23-33-2219 Dakota Silt	1167.0	0.0	0.0	38° 56' 30.923 N	109° 49' 41.874 W	Point
SVA 23-33-2219 Moab Tongue	2293.0	-213.8	-269.4	38° 56' 28.844 N	109° 49' 45.317 W	Point
SVA 23-33-2219 PBHL	3650.0	-768.5	-968.4	38° 56' 23.450 N	109° 49' 54.254 W	Point

REFERENCE INFORMATION

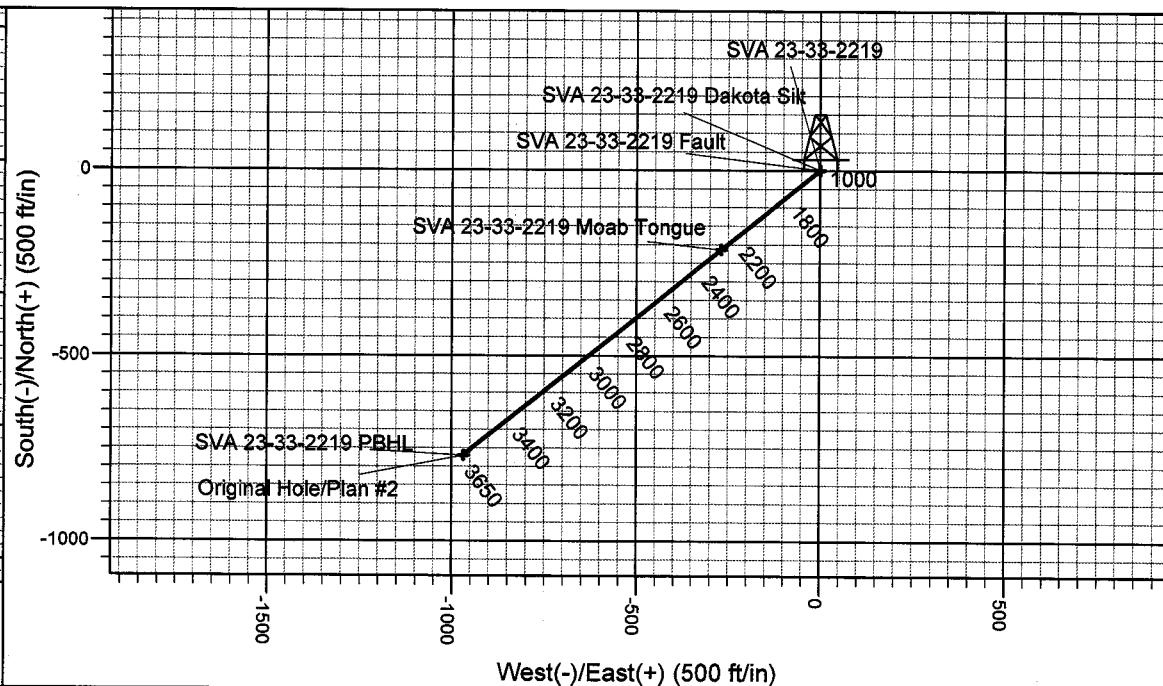
Co-ordinate (N/E) Reference: Well SVA 23-33-2219, Grid North
 Vertical (TVD) Reference: WELL @ 0.0ft (Original Well Elev)
 Section (VS) Reference: Slot - (0.0N, 0.0E)
 Measured Depth Reference: WELL @ 0.0ft (Original Well Elev)
 Calculation Method: Minimum Curvature

PROJECT DETAILS: Paradox Basin (Utah)

Geodetic System: Universal Transverse Mercator (US Survey Feet)
 Datum: NAD 1927 - Western US
 Ellipsoid: Clarke 1866
 Zone: Zone 12N (114 W to 108 W)
 System Datum: Mean Sea Level

SECTION DETAILS

Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	DLeg	TFace	VSec	Target
1	0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.0	
2	1144.0	0.00	0.00	1144.0	0.0	0.0	0.00	0.00	0.0	
3	2360.4	33.32	231.57	2293.0	-213.8	-269.4	2.74	231.57	343.9	SVA 23-33-2219 Moab Tongue
4	3984.4	33.32	231.57	3650.0	-768.3	-968.2	0.00	0.00	1236.0	SVA 23-33-2219 PBHL



Database: EDM 2003.21 Single User Db
Company: Samson Resources Company
Project: Paradox Basin (Utah)
Site: Grand County Utah
Well: SVA 23-33-2219
Wellbore: Original Hole
Design: Plan #2

Local Co-ordinate Reference: Well SVA 23-33-2219
TVD Reference: WELL @ 0.0ft (Original Well Elev)
MD Reference: WELL @ 0.0ft (Original Well Elev)
North Reference: Grid
Survey Calculation Method: Minimum Curvature

Project	Paradox Basin (Utah), Slant Wells		
Map System:	Universal Transverse Mercator (US Survey Fee	System Datum:	Mean Sea Level
Geo Datum:	NAD 1927 - Western US		Using Well Reference Point
Map Zone:	Zone 12N (114 W to 108 W)		Using geodetic scale factor

Site	Grand County Utah		
Site Position:		Northing:	14,160,506.88 ft
From:	Map	Easting:	1,953,356.56 ft
Position Uncertainty:	0.0 ft	Slot Radius:	"
		Latitude:	38° 59' 27.093 N
		Longitude:	109° 53' 55.120 W
		Grid Convergence:	0.69 °

Well	SVA 23-33-2219		
Well Position	+N/-S	-17,572.2 ft	Northing: 14,142,939.48 ft
	+E/-W	20,223.5 ft	Easting: 1,973,574.46 ft
Position Uncertainty	0.0 ft	Wellhead Elevation:	ft
		Latitude:	38° 56' 30.923 N
		Longitude:	109° 49' 41.874 W
		Ground Level:	0.0 ft

Wellbore	Original Hole				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF200510	9/19/2008	11.38	65.00	52,036

Design	Plan #2				
Audit Notes:					
Version:	Phase:	PLAN	Tie On Depth:	0.0	
Vertical Section:	Depth From (TVD)	+N/-S (ft)	+E/-W (ft)	Direction (°)	
	0.0	0.0	0.0	231.57	

Plan Sections										
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)	TFO (°)	Target
0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.00	0.00	
1,144.0	0.00	0.00	1,144.0	0.0	0.0	0.00	0.00	0.00	0.00	
2,360.4	33.32	231.57	2,293.0	-213.8	-269.4	2.74	2.74	-10.56	231.57	SVA 23-33-2219 M
3,984.4	33.32	231.57	3,650.0	-768.3	-968.2	0.00	0.00	0.00	0.00	SVA 23-33-2219 PE

Database: EDM 2003.21 Single User Db
Company: Samson Resources Company
Project: Paradox Basin (Utah)
Site: Grand County Utah
Well: SVA 23-33-2219
Wellbore: Original Hole
Design: Plan #2

Local Co-ordinate Reference: Well SVA 23-33-2219
TVD Reference: WELL @ 0.0ft (Original Well Elev)
MD Reference: WELL @ 0.0ft (Original Well Elev)
North Reference: Grid
Survey Calculation Method: Minimum Curvature

Planned Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
0.0	0.00	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0.00
100.0	0.00	0.00	100.0	0.0	0.0	0.0	0.00	0.00	0.00
200.0	0.00	0.00	200.0	0.0	0.0	0.0	0.00	0.00	0.00
300.0	0.00	0.00	300.0	0.0	0.0	0.0	0.00	0.00	0.00
400.0	0.00	0.00	400.0	0.0	0.0	0.0	0.00	0.00	0.00
500.0	0.00	0.00	500.0	0.0	0.0	0.0	0.00	0.00	0.00
600.0	0.00	0.00	600.0	0.0	0.0	0.0	0.00	0.00	0.00
700.0	0.00	0.00	700.0	0.0	0.0	0.0	0.00	0.00	0.00
703.0	0.00	0.00	703.0	0.0	0.0	0.0	0.00	0.00	0.00
SVA 23-33-2219 Fault									
800.0	0.00	0.00	800.0	0.0	0.0	0.0	0.00	0.00	0.00
900.0	0.00	0.00	900.0	0.0	0.0	0.0	0.00	0.00	0.00
1,000.0	0.00	0.00	1,000.0	0.0	0.0	0.0	0.00	0.00	0.00
1,100.0	0.00	0.00	1,100.0	0.0	0.0	0.0	0.00	0.00	0.00
1,144.0	0.00	0.00	1,144.0	0.0	0.0	0.0	0.00	0.00	0.00
1,167.0	0.63	231.57	1,167.0	-0.1	-0.1	0.1	2.74	2.74	0.00
SVA 23-33-2219 Dakota Silt									
1,200.0	1.53	231.57	1,200.0	-0.5	-0.6	0.7	2.74	2.74	0.00
1,300.0	4.27	231.57	1,299.9	-3.6	-4.6	5.8	2.74	2.74	0.00
1,400.0	7.01	231.57	1,399.4	-9.7	-12.3	15.6	2.74	2.74	0.00
1,500.0	9.75	231.57	1,498.3	-18.8	-23.7	30.2	2.74	2.74	0.00
1,600.0	12.49	231.57	1,596.4	-30.8	-38.8	49.5	2.74	2.74	0.00
1,700.0	15.23	231.57	1,693.5	-45.7	-57.5	73.5	2.74	2.74	0.00
1,800.0	17.97	231.57	1,789.3	-63.4	-79.9	102.0	2.74	2.74	0.00
1,900.0	20.71	231.57	1,883.6	-84.0	-105.9	135.1	2.74	2.74	0.00
2,000.0	23.45	231.57	1,976.3	-107.4	-135.3	172.7	2.74	2.74	0.00
2,100.0	26.19	231.57	2,067.1	-133.5	-168.2	214.7	2.74	2.74	0.00
2,200.0	28.93	231.57	2,155.7	-162.2	-204.4	261.0	2.74	2.74	0.00
2,300.0	31.67	231.57	2,242.0	-193.6	-243.9	311.4	2.74	2.74	0.00
2,360.4	33.32	231.57	2,293.0	-213.8	-269.4	343.9	2.74	2.74	0.00
SVA 23-33-2219 Moab Tongue									
2,400.0	33.32	231.57	2,326.1	-227.3	-286.4	365.6	0.00	0.00	0.00
2,500.0	33.32	231.57	2,409.6	-261.4	-329.4	420.5	0.00	0.00	0.00
2,600.0	33.32	231.57	2,493.2	-295.6	-372.4	475.5	0.00	0.00	0.00
2,700.0	33.32	231.57	2,576.8	-329.7	-415.5	530.4	0.00	0.00	0.00
2,800.0	33.32	231.57	2,660.3	-363.9	-458.5	585.3	0.00	0.00	0.00
2,900.0	33.32	231.57	2,743.9	-398.0	-501.5	640.3	0.00	0.00	0.00
3,000.0	33.32	231.57	2,827.4	-432.2	-544.6	695.2	0.00	0.00	0.00
3,100.0	33.32	231.57	2,911.0	-466.3	-587.6	750.1	0.00	0.00	0.00
3,200.0	33.32	231.57	2,994.6	-500.5	-630.6	805.1	0.00	0.00	0.00
3,300.0	33.32	231.57	3,078.1	-534.6	-673.7	860.0	0.00	0.00	0.00
3,400.0	33.32	231.57	3,161.7	-568.7	-716.7	914.9	0.00	0.00	0.00
3,500.0	33.32	231.57	3,245.2	-602.9	-759.7	969.9	0.00	0.00	0.00
3,600.0	33.32	231.57	3,328.8	-637.0	-802.7	1,024.8	0.00	0.00	0.00
3,700.0	33.32	231.57	3,412.4	-671.2	-845.8	1,079.7	0.00	0.00	0.00
3,800.0	33.32	231.57	3,495.9	-705.3	-888.8	1,134.7	0.00	0.00	0.00
3,900.0	33.32	231.57	3,579.5	-739.5	-931.8	1,189.6	0.00	0.00	0.00
3,984.4	33.32	231.57	3,650.0	-768.3	-968.2	1,236.0	0.00	0.00	0.00
SVA 23-33-2219 PBHL									



Scientific Drilling International

Planning Report



Database: EDM 2003.21 Single User Db
Company: Samson Resources Company
Project: Paradox Basin (Utah)
Site: Grand County Utah
Well: SVA 23-33-2219
Wellbore: Original Hole
Design: Plan #2

Local Co-ordinate Reference: Well SVA 23-33-2219
TVD Reference: WELL @ 0.0ft (Original Well Elev)
MD Reference: WELL @ 0.0ft (Original Well Elev)
North Reference: Grid
Survey Calculation Method: Minimum Curvature

Design Targets

Target Name - hit/miss target - Shape	Dip Angle (°)	Dip Dir. (°)	TVD (ft)	+N/-S (ft)	+E/-W (ft)	Northing (ft)	Easting (ft)	Latitude	Longitude
SVA 23-33-2219 Fault - plan hits target - Point	0.00	0.00	703.0	0.0	0.0	14,142,939.49	1,973,574.45	38° 56' 30.923 N	109° 49' 41.874 W
SVA 23-33-2219 Dakota - plan misses by 0.1ft at 1167.0ft MD (1167.0 TVD, -0.1 N, -0.1 E) - Point	0.00	0.00	1,167.0	0.0	0.0	14,142,939.49	1,973,574.45	38° 56' 30.923 N	109° 49' 41.874 W
SVA 23-33-2219 Moab - plan hits target - Point	0.00	0.00	2,293.0	-213.8	-269.4	14,142,725.79	1,973,305.18	38° 56' 28.844 N	109° 49' 45.317 W
SVA 23-33-2219 PBH - plan misses by 0.3ft at 3984.4ft MD (3650.0 TVD, -768.3 N, -968.2 E) - Point	0.00	0.00	3,650.0	-768.5	-968.4	14,142,171.18	1,972,606.34	38° 56' 23.450 N	109° 49' 54.254 W



SUITE 3000
370 17TH ST
DENVER CO 80202
USA
720/587-2500
FAX: 720/904-1392

September 25, 2008

Mr. Dustin Doucet
Utah Division of Oil, Gas and Mining
Department of Natural Resources
1594 W. North Temple, Suite 1210
Salt Lake City, UT 84116

Re: Notice of Directional Drilling
SVA #23-33-2119
SHL: 2468' FSL & 1249' FWL
BHL: 1718' FSL & 281' FWL
Grand County, Utah

Dear Mr. Doucet:

Pursuant to the Application for Permit to Drill (APD) for Samson's SVA #23-33-2119 well submitted on 8/1/2008, we are hereby submitting this letter in accordance with the Oil and Gas Conservation Rule R649-3-11.

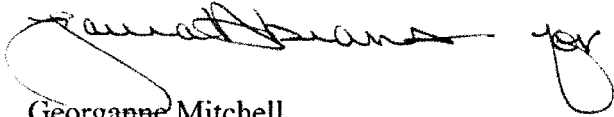
- The above captioned well is located within the Salt Valley Anticline Unit
- The approval is requested to make this well directional as the target bottom hole location is located directly under Interstate 70.
- Samson Resources certifies that all working interest owners in the SVA 23-33-2119 well own everything within 460 feet of the well bore and are subject to the AFE. All changes from the originally permitted well have been approved at a partner meeting.

Based off of the statement above, Samson requests authorization of the APD submitted on 8/1/2008 as well as the sundry submitted on 9/22/2008 to drill the SVA #23-33-2119 well directionally.

Please note: The drilling rig will arrive on location this weekend to set the conductor and surface casing pending the approval of the application for permit to drill and the directional sundry. Your prompt response to this request is greatly appreciated.

Sincerely,

SAMSON RESOURCES COMPANY

A handwritten signature in black ink, appearing to read "Georganne Mitchell", followed by a large, stylized flourish or initial.

Georganne Mitchell
Sr. District Surface Landman

Well name: **43019315950000 SVA 23-33-2119rev.**
 Operator: **Sampson Resources Comapny**
 String type: **Production**
 Location: **Grand County**
 Project ID: **43-019-31595-0000**

Design parameters:

Collapse

Mud weight: 9.000 ppg
 Design is based on evacuated pipe.

Minimum design factors:

Collapse:

Design factor 1.125

Burst:

Design factor 1.00

Environment:

H2S considered? No
 Surface temperature: 65 °F
 Bottom hole temperature: 116 °F
 Temperature gradient: 1.40 °F/100ft
 Minimum section length: 368 ft

Cement top: 780 ft

Burst

Max anticipated surface pressure: 986 psi
 Internal gradient: 0.220 psi/ft
 Calculated BHP 1,705 psi

No backup mud specified.

Tension:

8 Round STC: 1.80 (J)
 8 Round LTC: 1.80 (J)
 Buttress: 1.60 (J)
 Premium: 1.50 (J)
 Body yield: 1.50 (B)

Directional Info - Build & Hold

Kick-off point 1167 ft
 Departure at shoe: 1234 ft
 Maximum dogleg: 2.74 °/100ft
 Inclination at shoe: 33.77 °

Tension is based on air weight.
 Neutral point: 3,387 ft

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Internal Capacity (ft³)
1	3984	4.5	9.50	J-55	ST&C	3646	3984	3.965	363.5
<i>Calculated @ lowest grade weight OK.</i>									
Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (Kips)	Tension Strength (Kips)	Tension Design Factor
1	1705	3310	1.942 ✓	1788	4380	2.45 ✓	35	101	2.92 J ←

Prepared by: Helen Sadik-Macdonald
 Div of Oil, Gas & Minerals

Phone: 810-538-5357

Date: September 25, 2008
 Salt Lake City, Utah

ENGINEERING STIPULATIONS: NONE

Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Collapse is based on a vertical depth of 3646 ft, a mud weight of 9 ppg. The casing is considered to be evacuated for collapse purposes.

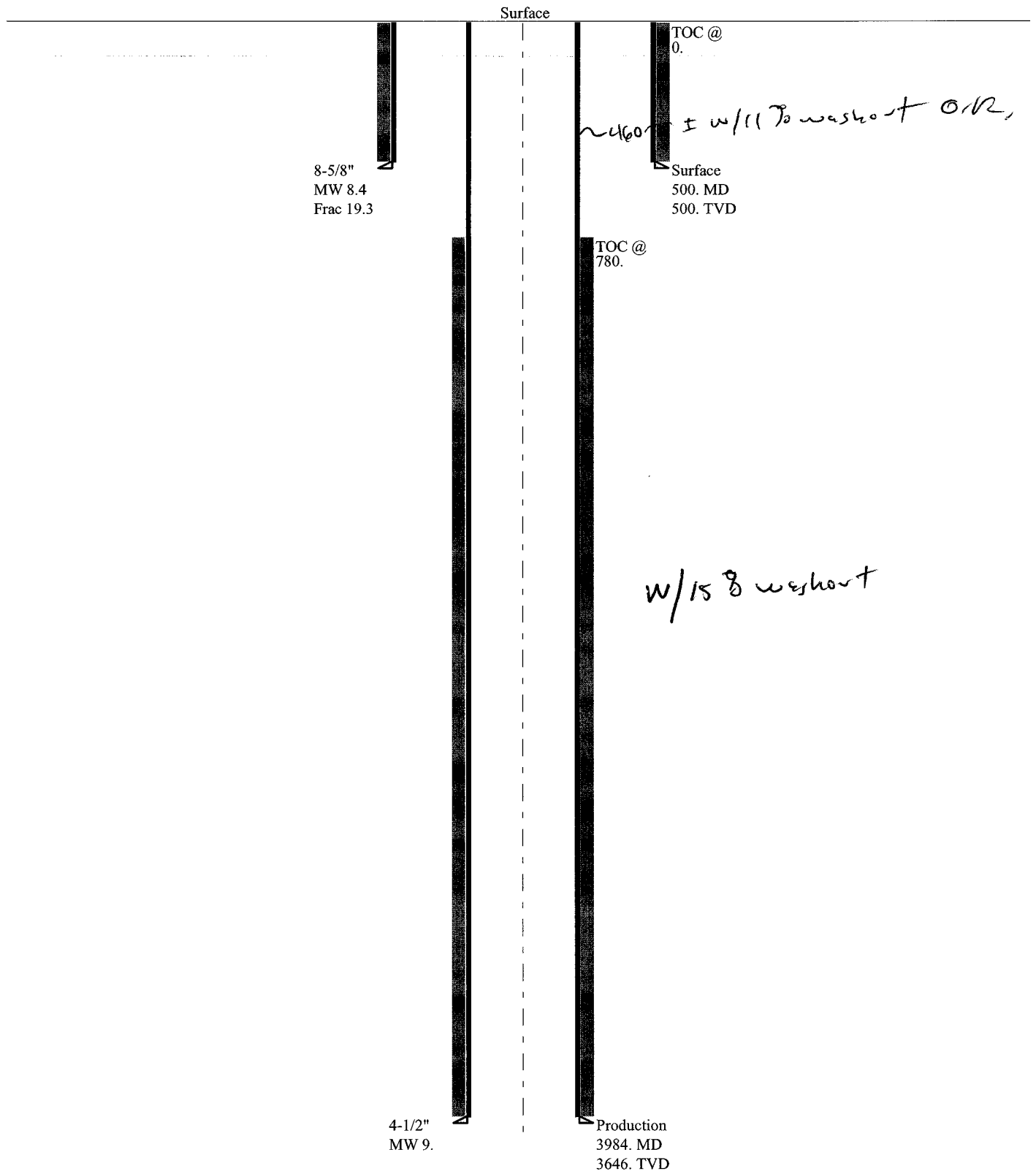
Burst strength is not adjusted for tension.

Collapse strength is (biaxially) derated for doglegs in directional wells by multiplying the tensile stress by the cross section area to calculate a

Engineering responsibility for use of this design will be that of the purchaser.

43019315950000 SVA 23-33-2119rev.

Casing Schematic



DIVISION OF OIL, GAS AND MINING

SPUDDING INFORMATION

Name of Company: SAMSON RESOURCES COMPANY

Well Name: SVA 23-33-2119

Api No: 43-019-31595 Lease Type: STATE

Section 33 Township 21S Range 19E County GRAND

Drilling Contractor ROCKY MOUNTAIN DRLG RIG # RATHOLE

SPUDDED:

Date 09/26/08

Time 10:00 AM

How DRY

Drilling will Commence: _____

Reported by BILL MARSH

Telephone # (403) 357-8078

Date 10/01//08 Signed CHD

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER _____		5. LEASE DESIGNATION AND SERIAL NUMBER: ML-47576
2. NAME OF OPERATOR: Samson Resources Company		6. IF INDIAN, ALLOTTEE OR TRIBE NAME: N/A
3. ADDRESS OF OPERATOR: 370 17th Street, Suite 3000 Denver CO 80202		7. UNIT or CA AGREEMENT NAME: Salt Valley Anticline Unit
4. LOCATION OF WELL FOOTAGES AT SURFACE: 2,486' FSL & 1,249' FWL		8. WELL NAME and NUMBER: SVA #23-33-2119
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NWSW 33 21S 19E		9. API NUMBER: 4301931595
STATE: UTAH		10. FIELD AND POOL, OR WILDCAT Wildcat

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: 10/23/2008	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input checked="" type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
<input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion:	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> OTHER _____
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Samson Resources Company request authorization to deepen the above captioned well to 4150' MD and 3800' TVD. This request is due to the geologic formations coming in 120' TVD deeper than anticipated.

With this change Samson will not be infringing on any surrounding mineral leases.

The new cement volumes are as follows:

1266 cf (966 sx) of 50/50 Poz 13.5 ppg, 1.31 cuft/sx yield

Approved by the
Utah Division of
Oil, Gas and Mining

Date: 10/23/08
By: [Signature]

NAME (PLEASE PRINT) <u>Jody Robins</u>	TITLE <u>Drilling Engineer</u>
SIGNATURE <u>[Signature]</u>	DATE <u>10/23/2008</u>

(This space for State use only)

COPY SENT TO OPERATOR

(5/2000)

Date: 10.27.2008
Initials: KS

(See instructions on Reverse Side)

RECEIVED

OCT 23 2008

DIV. OF OIL, GAS & MINING

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER _____		5. LEASE DESIGNATION AND SERIAL NUMBER: ML-47576
2. NAME OF OPERATOR: Samson Resources Company		6. IF INDIAN, ALLOTTEE OR TRIBE NAME: N/A
3. ADDRESS OF OPERATOR: 370 17th Street, Suite 3000 CITY Denver STATE CO ZIP 80202		7. UNIT or CA AGREEMENT NAME: Salt Valley Anticline
PHONE NUMBER: (720) 239-4365		8. WELL NAME and NUMBER: SVA #23-33-2119
4. LOCATION OF WELL FOOTAGES AT SURFACE: 2,486' FSL & 1,249' FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NWSW 33 21S 19E		9. API NUMBER: 4301931595
COUNTY: Grand		10. FIELD AND POOL, OR WILDCAT: Wildcat
STATE: UTAH		

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: 10/24/2008	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input checked="" type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
<input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion:	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> OTHER: _____
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Samson Resources Company requests authorization to deepen the above captioned well to 4500' MD and 4100' TVD. We are currently drilling in the middle of an oil show and would like to drill to the bottom of it.

With this change, Samson will not be encroaching on any surrounding leases.

The cement volumes are as follows:

1266 cf (966 sx) of 50/50 Poz 13.5 ppg, 1.31 cuft/sx yield

Pursuant to a phone conversation held on Friday, October 24, 2008, Dustin Doucet of the State of Utah Department of Natural Resources gave verbal to Samson's Drilling Engineer, Jody Robins to deepen the well.

COPY SENT TO OPERATOR

Date: 11.16.2008

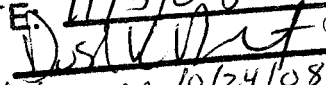
Initials: KS

NAME (PLEASE PRINT) Jody Robins	TITLE Drilling Engineer
SIGNATURE 	DATE 10/28/2008

(This space for State use only)

APPROVED BY THE STATE
OF UTAH DIVISION OF
OIL, GAS, AND MINING

DATE: 11/5/08

BY: 
+ Verbal given 10/24/08

(See Instructions on Reverse Side)

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OCT 29 2008

DIV. OF OIL, GAS & MINING

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 6

ENTITY ACTION FORM

Operator: Samson Resources
Address: Two West Second Street
city Tulsa
state OK zip 74103

Operator Account Number: N 8020

Phone Number: (918) 591-1791

Well 1

API Number	Well Name		QQ	Sec	Twp	Rng	County
4301931595	SVA 23-33-2119		NESW	33	21S	19E	Grand
Action Code	Current Entity Number	New Entity Number	Spud Date		Entity Assignment Effective Date		
A	99999	17247	9/30/2008		12/16/08		
Comments: <u>CHIN</u> <u>BHL = NWNW</u>							

Well 2

API Number	Well Name		QQ	Sec	Twp	Rng	County
Action Code	Current Entity Number	New Entity Number	Spud Date		Entity Assignment Effective Date		
Comments:							

Well 3

API Number	Well Name		QQ	Sec	Twp	Rng	County
Action Code	Current Entity Number	New Entity Number	Spud Date		Entity Assignment Effective Date		
Comments:							

ACTION CODES:

- A - Establish new entity for new well (single well only)
- B - Add new well to existing entity (group or unit well)
- C - Re-assign well from one existing entity to another existing entity
- D - Re-assign well from one existing entity to a new entity
- E - Other (Explain in 'comments' section)

Kelly Jobman

Name (Please Print)

Signature

Technical Analyst

Title

12/9/2008

Date

RECEIVED

DEC 15 2008

DIV. OF OIL, GAS & MINING

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

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1. TYPE OF WELL OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER _____	5. LEASE DESIGNATION AND SERIAL NUMBER: <u>ML-47576</u>
2. NAME OF OPERATOR: Samson Resources	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
3. ADDRESS OF OPERATOR: Two West Second Street CITY Tulsa STATE OK ZIP 74	7. UNIT or CA AGREEMENT NAME:
PHONE NUMBER: (918) 591-1791	8. WELL NAME and NUMBER: SVA 23-33-2119
	9. API NUMBER: 4301931595
	10. FIELD AND POOL, OR WILDCAT: Wildcat

4. LOCATION OF WELL
FOOTAGES AT SURFACE: **SHL 2486' FSL & 1249' FWL; BHL 1718' FSL & 281' FWL** COUNTY: **Grand**
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: **NWSE 33 21S 19E** STATE: **UTAH**

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA			
TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: <u>Monthly Status</u>
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Please see attached documents containing Drilling operations and completion work proposals. Well spud 09/30/2008 and rig released from drilling operations 11/07/2008. Completion procedures to commence on December 15, 2008.

NAME (PLEASE PRINT) <u>Kelly Jobman</u>	TITLE <u>Technical Analyst</u>
SIGNATURE <u>[Signature]</u>	DATE <u>12/10/2008</u>

(This space for State use only)

RECEIVED
DEC 15 2008
DIV. OF OIL, GAS & MINING

SAMSON
CHRON COMPLETION REPORT

PAGE: 1

SVA 23-33-2119
LEGAL . . 33-21S-19E
STATE . . UTAH

OPERATOR . SAMSON RESOURCES COMPANY
COUNTY . . GRAND

09/29/2008 CURRENT DEPTH: 0' DAILY PROGRESS: 0'

BEGIN OPERATIONS
Move in rig and components

09/30/2008 CURRENT DEPTH: 0' DAILY PROGRESS: 0'

rig up rig wait for fuel prepair to spud spud and drill @
4:45pm drill surface with air

10/01/2008 CURRENT DEPTH: 508' DAILY PROGRESS: 508'

SPUD WELL 09/30/08 - RAN, SET & CEMENTED 8-5/8" CASING
Drilling ahead @ 280' to 508' survey @ 428' = 2.8* trip out
of hole run 12jts of 8,5/8 j-55 casing wait on circulating
head circulate hole clean cement casing with 370 sacks of
premium class-G @ 15.6lb wait on cement, to tear out rig.
Rig released @ 06:00hrs oct 1st/2008

10/02/2008 CURRENT DEPTH: 508' DAILY PROGRESS: 0'

DROP FROM REPORT PENDING FURTHER DRILLING OPERATIONS

10/19/2008 CURRENT DEPTH: 508' DAILY PROGRESS: 0'

RESUME DRILLING OPERATIONS
Rig Move W-Speedy Trucking. Spot Buildings & Rig Up; Wait
on Daylight to Finish Rigging up Derrick and Raise Derrick.

10/20/2008 CURRENT DEPTH: 508' DAILY PROGRESS: 0'

Wait on Daylight and Speedy; Rig up Derrick on to Carrier.
Back on to Matting; Rig Up, Derrick, Rig floor, Pickup
Kelly and Nipple Up BOPs & Mousehole; Pressure Test
w-Triple T, High and Low. Accumulator Check. OK; Rig up
Degasser and Flare Lines & Rig up Reserve Pit Hoses, Pump;
Pickup Bha. Mtr set @ 1.5* & MWD Tool; Pick Up 25 HWDP;
Test MWD Tool @ 294'. OK!

10/21/2008 CURRENT DEPTH: 1,676' DAILY PROGRESS: 1,168'

Pason System not Working. Readjust Wits. OK. Tag CMT@425'
DrillOut. Tag FC @475'. Shoe @ 500' Drill 7 7/8" Vertical
Section F-500' to 1265' Accumulated Surveys Rig Service
Drill 7 7/8" Vertical Section F-1265' to 1297' Trouble
Shoot Baker MWD Tool Circulate Hole Clean Trip Out to
Change Bakers MWD Tool Change Out MWD Tool (Bakers) Trip in
the Hole with a New MWD Tool. Test Tool Drill & 7/8" Hole
F-1297' to 1676' Accumulated Surveys

10/22/2008 CURRENT DEPTH: 2,687' DAILY PROGRESS: 1,011'

Drill from 1676' to 2245' Rig service Drill from 2245' to
2340' Accumulated surveys Drill from 2340' to 2442'
Circulate hole clean and mud up Drill from 2442' to 2687'
Accumulated surveys

10/23/2008 CURRENT DEPTH: 3,447' DAILY PROGRESS: 760'

Drill from 2687' to 2858' Raise vis and clean up hole Drill
from 2858' to 3035' Rig service Drill from 3035' to 3079'
Drill from 3079' to 3447' Accumulated surveys

SAMSON
CHRON COMPLETION REPORT

PAGE: 2

10/24/2008 CURRENT DEPTH: 4,150' DAILY PROGRESS: 703'

Drill from 3447' to 3859' Rig service Drill from 3859' to 3922' Had verbal from Dan Jarvis with the State of Utah @ 4:20pm 10/23/08 to drill to 4150' TD. @ 22:30hrs Circulate hole clean trip out 8 stands to 3630' hit tight spot Kelly up on stuck pipe raise vis and wait on surface jars

10/25/2008 CURRENT DEPTH: 4,150' DAILY PROGRESS: 0'

Try to free stuck pipe, Wait on surface jars Rig up surface jars and jar. Circulate and wait on free point truck and fisherman Rig service Circulate and spot pill Rack back Kelly held safety mtg and rig up wire line truck Run in hole with wireline free point tool Part wire line with blocks, free point tool became stuck on top of bha Rehead wire line run in with 2nd free point tool lay out free point tool and rig up back off tool Run in with back off tool and back off leaving 879 ft of bha down hole trip out of hole to pick up jar assembly

10/26/2008 CURRENT DEPTH: 4,150' DAILY PROGRESS: 0'

Trip out pipe and HWDP Make up fishing tools and rih Kelly up and wash down to top of fish and screw in Jar on fish (not moving) Hold safety mtg and rig up wire line truck Run in with wire line and back off HWDP Rig down wire line truck, rack back Kelly and get ready to trip out Pooh to lay out jars Wait on fishing tools Pick up fishing tools and rih Kelly up wash down to fish, screw in and start to jar down

10/27/2008 CURRENT DEPTH: 4,150' DAILY PROGRESS: 0'

Jar down, made about 10-12 inches then stopped moving Hold safety mtg, rig up wire line truck to back off run wireline and shoot off Rig down wireline truck, backed off @ 2800' Trip out drill pipe Wait on fishing tool Make up screw in sub and rih Break cir and screw into fish Try to back off pipe twice unsuccessfull Try loosen connections with some up jarring, while building bigger charge

10/28/2008 CURRENT DEPTH: 4,150' DAILY PROGRESS: 0'

pooh and lay down 1 jt HWDP Wait on orders Rih with bit, clean out to top of fish work tight hole from 1229' to 2683' Trip out to the HWDP and make up jars Fix shale shaker trip in hole 22 stands, lay out 34 singles and run in 17 stands Circulate and wash and ream to top of fish

10/29/2008 CURRENT DEPTH: 4,150' DAILY PROGRESS: 0'

Wash and ream to top of fish Circulate and condition mud Trip out to HWDP Trip back in to the top of the fish Circulate hole clean Trip out lay down jars and check bit and trip back to top of fish Circulate hole clean for wash pipe Trip out to pick up wash pipe Make up 7-3/8' x 6.625' wash pipe Rih with wash pipe Kelly up wash and ream back up to pick up jars hit tight at 625'

10/30/2008 CURRENT DEPTH: 4,150' DAILY PROGRESS: 0'

Wash and ream from 625' to 1160' Wash and ream from 1160' to 1700'

10/31/2008 CURRENT DEPTH: 4,150' DAILY PROGRESS: 0'

Wash and ream wash pipe Rig service Trip out with wash pipe would not go in Make up Bit & RIH to Top of Fish Circulate to Clean the Top of the Fish Trip out to Pick up Pump Out

SAMSON
CHRON COMPLETION REPORT

PAGE: 3

Sub, and Screw in assembly lay out old jars pick up new jars make up Screw in Assembly Trip in hole Circulate and wash to the top of the fish

11/01/2008 CURRENT DEPTH: 4,150' DAILY PROGRESS: 0'

Wash Down to Top of Fish Screw into Fish @ 3434' & Jar Downward Rig Service. Inspect Drill Line and Derrick Sheaves Jar on Fish up and down Rig up Cudd Nitrogen Trucks and Have Safety Meeting Jar Up & Down with Nitrogen. Increase N2 every 35 Minutes Rig Out Cudd N2 Unit and Circulate Hole Clean Attempt Wireline Retrieval and Back Off Fish Circulate to Condition Mud Trip Out to lay down fishing tools and prepair to plug back.

11/02/2008 CURRENT DEPTH: 4,150' DAILY PROGRESS: 0'

Laydown Jars and 1 HWDP Pick Up 11 Jts of Tubing and RIH to Plug Back Rig up Smith Services Rotating Rubber Rig Service & Safety Meeting with Cementers Rig up Cementers and Plug Back 300' Plug with Halliburton. Rig Out POOH and Laydown Tubing. Wait on Cement

11/03/2008 CURRENT DEPTH: 4,150' DAILY PROGRESS: 0'

WOC. Slip New Drilling Line On. Pick up BHA , Test Mwd Tool. OK. Trip in The Hole. Hit Bridge @ 2522' Pick up Kelly & Wash Through F-2522' to 2585' Continue RIH. Hit Bridge @ 2723' Wash F-2723' to 2776' Continue Tripping in the Hole. Hit Bridge @ 2808' Wash F-2808' to 3055' tag cement Side track fr 3055' to 3061' Side track time drill fr 3061' to 3088' Slide fr 3088' to 3094' Drill fr 3094' to 3115' 90% formation 10% cement

11/04/2008 CURRENT DEPTH: 4,150' DAILY PROGRESS: 0'

Drill fr 3115' to 3120' Survey,pump pill and trip for bit Rig service Trip in with pdc,trip out for screen and trip back in to drill Drill from 3120' to 3830'

11/05/2008 CURRENT DEPTH: 4,858' DAILY PROGRESS: 708'

Drill 7 7/8" Hole F-3830' to 4147' Rig Service Drill 7 7/8" Hole F-4147' to 4528' Circulate and Pump Sweeps,Work Pipe Increase Rotary to 80RPM Wiper Trip. POOH to Laydown @ 4165' Pulling Tight Pump out 3 singles and Circulate Btms up Wash DP to Bottom Circulate to Condition Mud and Hole Wiper Trip, Work Through Tight Spots. @3530' Pick up Kelly Pump Out Singles

11/06/2008 CURRENT DEPTH: 4,858' DAILY PROGRESS: 0'

Wiper Trip. Very Tight @ 3470'. Work Stuck Pipe While Circulating Circulate to Condition Hole RIH to Bottom Circulate Hole Clean and Pump Sweeps Trip Out to 3450' Tight Hole Again Pump out Singles, Backream F-3450' to 3174',Pumped 10 DP Out Rack Kelly Back & Trip Out Of Hole Lay down directional tools Make up bit & RIH Hit Tight Spots @ 2615', 2845', 3750', 4170' Accumulated Time for Kelly up and Wash Through Tight Spots Continue RIH Pick up DP Off of Catwalk Circulate and condition mud POOH to log

11/07/2008 CURRENT DEPTH: 4,858' DAILY PROGRESS: 0'

****LOGGING WELL - RAN & SET 4-1/2" CASING****
POOH to Log Rig up Halliburton Wirelinres Log w-Halliburton. Ran Sonic Gamma, Porosity, Induction Tools. Rig Out Run In The Hole to Laydown Drill String Circulate Hole Clean & Rig Up Laydown Machine Break Down Kelly & Blow Down Kelly POOH and Laydown Drill String with Laydown

SAMSON
CHRON COMPLETION REPORT

PAGE: 4

Machine Rig Up Casing Crew Equipment Run 4 1/2" Casing to
4528' Circulate Casing

11/08/2008 CURRENT DEPTH: 4,858' DAILY PROGRESS: 0'

****CEMENTED 4-1/2" CASING - RELEASED RIG @ 5:00 P.M.**
11/07/08 - DROP FROM REPORT PENDING COMPLETION OPERATIONS**
Circulate Casing and Rig Up Halliburton Cementers Rig Up
Cementers Unthaw the Frozen Halliburton Pumper Cement 4
1/2" Casing with Halliburton Cementers Rig Out Cementers
Nipple Down Bop's & Set casing Slips Clean Mud Tanks & Rig
Released 11/07/08@ 17:00Hrs Rig Down for Move to Leucite
Hills 5-33x

AFE DHC	730,190	AFE DAYS	
DAILY COST	145,083	DAYS SINCE SPUD .	23
CUMULATIVE COST .	2,189,581		

11/25/2008

****BEGIN COMPLETION OPERAITONS****
Daily summary: MIRU Weatherford WL and Pace WS. Hold
safety meeting on location hazards. TIH w/CBL to 4,475'.
Pressure casing to 1000 psi while logging to surface. SD

24 hr Forecast: Wait on completion rig

Equipment in hole: none

SAMSON RESOURCES INC.
SVA 23-33-2119
Sec. 33 – T21S – R19, Grand County, UT
2,486 FSL & 1,249 FWL (SURFACE)
LAT 38.942208, LONG -109.829664
API # 4301931595 LEASE #043335
WINGATE COMPLETION (WILDCAT)
Pertinent Data Sheet

Field: Wildcat
Spud Date: 9/30/2008

Elevation: 4,890 G.L.
14 KB

TD: 4,528
PBD: 4,483

CASING PROGRAM:

Hole Size	Csg Size	Wt. & Grade	Depth Set (FT)	Cement (SXS)	TOC
12-1/4"	8-5/8"	24# J-55	500	370	CIRC TO SURFACE
7-7/8"	4-1/2"	11.6# P-110	4,528	485	CIRC TO SURFACE

FT MARKER JOINT SET @

Formation tops are (using KB Elev of 6842'):

Fruitland FM: 2707' MD
Pictured Cliffs SS: 2896' MD
Cliffhouse Transition: 5025' MD
Cliffhouse SS: 5370' MD
Menefee FM: 5478' MD
Point Lookout: 5609' MD
Mancos Shale: 5985' MD

Logging Record:

LOGGING DATE: 11/6/2008
LOGGING VENDOR: HALLIBURTON
LOG TYPES: SD-DSN-GR, HRES IND

**** RECORDED RESERVOIR TEMPERATURE = 144 F**

Note (1): All acid used is 15% FE (HCl) with:

2 gal/Mgal HAI-404
2 gal/Mgal LoSurf-300M

Corrosion inhibitor
Surfactant

7 gal/Mgal Cla-Sta(R) XP
50 per 1500 Gal
Musol

Clay Control
Xylene 200 Gal ☐ To be added on location
Solvent 50 Gal ☐ Add Musol after blending

Note (2): All sand used is 12/20 OTAWA

COMPLETION INTERVALS:

	TOP	BOTTOM	SPF	PERF'D INTERVAL	NET THICKNESS	SAND VOLUME	PUMP RATE (BPM)	N2 FOAM/ GELLED WATER	PAD FLUID
1ST STAGE:	4,394	4,420	4	26	40	TBD	TBD	TBD from fluid analysis and flow testing	TBD from fluid analysis and flow testing
2ND STAGE	4,246	4,260	4	14	40	TBD	TBD	TBD from fluid analysis and flow testing	TBD from fluid analysis and flow testing

DISPLACE FRAC TO: 0.6528 GALLONS/FOOT		
DEPTH	GALLONS	
1ST STAGE:	4,394	4,411
2ND STAGE	4,246	4,147
1	TANKS OF DIESEL	

PLUG SETTING DEPTHS:	
2ND STAGE	n/a
3RD STAGE	N/A

COMPLETION PROCEDURE:

SAMSON RESOURCES INC.
SVA 23-33-2119
Sec. 33 – T21S – R19, Grand County, UT
2,486 FSL & 1,249 FWL (SURFACE)
LAT 38.942208, LONG -109.829664
API # 4301931595 LEASE #043335

STEP:

- 1 Comply to all SAMSON Resources rules and GOVERNMENT regulations. MOL & RU, set pump, pit, & equipment.
- 2 RU Halliburton wireline & Carbon-Oxygen Log from PBDT to 3,200'. RD wireline and secure well.

- 3 Spot & fill 400 bbl frac tanks with filtered & treated Diesel.

1	TANKS OF 2% KCl WATER
9,000	GALLONS OF DIESEL

- 4 Nipple Up 3,000 psi BOP.

- 5 Rig up pump truck and pressure test casing to 3,000 psi for 30 minutes.

PBDT @ 4,483

- 6 Pick up 3-7/8" bit and scraper on 2-3/8" tubing and trip in to PBDT checking for any fill. Circulate water out with water until clean then displace well with diesel. Trip out of hole standing back tubing.

- 7 RU wireline & Perf LOWER WINGATE SANDSTONE as per schedule below. Perf w/22 gr jets w/ 3-1/8" EXPENDABLE BH guns, with 90 degree phasing, which give a penetration of 26" in Berea. Correlate to:
HALLIBURTON SD-DSN-GR, HRES IND

11/6/2008

1st STAGE PERFORATIONS:

TOP	BOTTOM	SPF
4,394	-	4,420 4 SPF 0.56" Diameter Holes

- 8 Rig down wireline and perforating guns, RIH w/ pup jt. (2 3/8" 4.7 #/ft J-55 API -EUE), SN, perforated pup jt. (2 3/8" 4.7 #/ft J-55 API -EUE), 4-1/2" 11.6# PLS packer, 1 jt 2-3/8" 4.7# J-55 tubing, reduced ID XN (provided by Halliburton) and 2-3/8" tubing. Set packer at +/- 4,350'. SEE COMPLETION DIAGRAM Test backside to 1000 psig

- 9 Run in hole with slickline and set Halliburton gauges in lower nipple

- 10 Rig Up HES and pump 15% FE Acid -XYLENE-MUSOL COMPLETION FLUID: as follows:

	1,000	gallons 15% FE Acid -XYLENE-MUSOL COMPLETION FLUID	
--	-------	--	--

- a. Displace acid to top of perforations W/ 740 gallons DIESEL

- 11 Pump DFIT down 2-3/8" tubing as per Halliburton procedure (DFIT 4,394' - 4,420') USING DIESEL (ANTICIPATED TREATING PRESSURE is 4,500 psi). Near the end of the pump schedule, drop standing valve from surface and pump it down to the upper landing nipple. Once plug set in upper nipple, hold pressure on wellhead (1,100 psi) and SI pressure above plug. SI well for 48 hours.
- 12 Bleed Pressure and run in hole with slickline and pull the standing valve and then Halliburton gauges. Download data immediately and email to kumar.ramurthy@halliburton.com
- 13 Rig down slickline and rig up swab unit. Swab well to recover load (from Acid treatment and DFIT) and fluid from formation. Gather samples of formation fluid (oil & water). Samples must be analyzed and evaluated prior to proceeding to next steps. Produce well through 3 phase separator/well tester recovering all diesel and oil as possible.
- 14 Release packer and trip out of hole with packer and 2-3/8" tubing.

Pending production testing and DFIT analysis a decision to set tubing and produce the well might be made. If production tubing and pumping unit are ran and set and the well is produced at this point the following steps will apply. Until such time as the well is deemed noncommercial the well will be produced and maintained by Samson designated personnel.

SAMSON RESOURCES INC.
SVA 23-33-2119
Sec. 33 – T21S – R19, Grand County, UT
2,486 FSL & 1,249 FWL (SURFACE)
LAT 38.942208, LONG -109.829664
API # 4301931595 LEASE #043335

15 Pick up tubing and TIH and set w/saw tooth notched collar on bottom and standard seating nipple one joint above.

2-3/8" 4.7# J-55 EUE tbg SET @ 4,440

16 Nipple Down BOP, and nipple up wellhead, drop ball and pump off expendable check valve. Rig up and run pump and rods. Nipple up horsehead, test pump capacity to 600 psi. SI well to hook up to sales line. Hook up well to produce.

Through the DFIT and production testing all diesel will need to be recovered and filtered. And stored for the second stage. If after production testing it is decided to complete the interval from 4,246' - 4,260' the following procedure will be followed to test the second interval.

17 RU wireline & and run in hole and set Cast Iron Bridge Plug (CIBP) at 4,360'.

18 RU wireline & Perf LOWER WINGATE SANDSTONE as per schedule below. Perf w/22 gr jets w/ 3-1/8" EXPENDABLE BH guns, with 90 degree phasing, which give a penetration of 26" in Berea. Correlate to:
HALLIBURTON SD-DSN-GR, HRES IND 11/6/2008

1st STAGE PERFORATIONS:

TOP	BOTTOM	SPF
4,246	-	4,260 4 SPF 0.56" Diameter Holes

19 Rig down wireline and perforating guns, RIH w/ pup jt. (2 3/8" 4.7 #/ft J-55 API -EUE), SN, perforated pup jt. (2 3/8" 4.7 #/ft J-55 API -EUE), 4-1/2" 11.6# PLS packer, 1 jt 2-3/8" 4.7# J-55 tubing, reduced ID XN (provided by Halliburton) and 2-3/8" tubing. Set packer at +/- 4,190'. Test backside to 1000 psig

20 Run in hole with slickline and set Halliburton gauges in lower nipple

21 Rig Up HES and pump 15% FE Acid -XYLENE-MUSOL COMPLETION FLUID: as follows:

	1,000	gallons 15% FE Acid -XYLENE-MUSOL COMPLETION FLUID	
--	-------	--	--

a. Displace acid to top of perforations W/ 728 gallons DIESEL

22 Pump DFIT down 2-3/8" tubing as per Halliburton procedure (DFIT 4,394' - 4,420') USING DIESEL (ANTICIPATED TREATING PRESSURE is 4,500 psi). Near the end of the pump schedule, drop standing valve from surface and pump it down to the upper landing nipple. Once plug set in upper nipple, hold pressure on wellhead (1,100 psi) and SI pressure above plug. **SI well for 48 hours.**

23 Bleed Pressure and run in hole with slickline and pull the standing valve and then Halliburton gauges. Download data immediately and email to kumar.ramurthy@halliburton.com

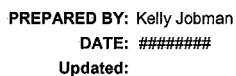
24 Rig down slickline and rig up swab unit. Swab well to recover load (from Acid treatment and DFIT) and fluid from formation. Gather samples of formation fluid (oil & water). Samples must be analyzed and evaluated prior to proceeding to next steps. Produce well through 3 phase separator/well tester recovering all diesel and oil as possible.

25 Release packer and trip out of hole with packer and 2-3/8" tubing.

26 Pick up tubing and TIH and set w/saw tooth notched collar on bottom and standard seating nipple one joint above.

2-3/8" 4.7# J-55 EUE tbg SET @ 4,300

27 Nipple Down BOP, and nipple up wellhead, drop ball and pump off expendable check valve. Rig up and run pump and rods. Nipple up horsehead, test pump capacity to 600 psi. SI well to hook up to sales line. Hook up well to produce.

[illegible]

Well Type:
AFE:
HES SO:

Field :

Prepared For:

County,

Prepared By:

Depth	Length - ft	Size & Description	Max O.D.	Min I.D.
- 0 -		GL/KB		
		4 1/2 in. 11.6.0 ppf LT&C Casing		
		Standing Valve - Dropped from surface	ID Drift	4.000 3.875
	4300.00	Tubing To Surface, 2 3/8"	3.060	1.992
	1.00	XN Landing nipple - 1.875 "X" Profile, 1.791 No-Go	3.060	1.791
	30.00	Tubing, 2 3/8"	3.060	1.995
	4.00	4 1/2" Retrievable Packer	3.820	1.920
	10.00	Tubing Pup Joint, 2 3/8	2.375	1.995
	0.75	Fill Disk Assembly - flow area = 6.28 sq in	3.010	1.995
	1.50	Landing Nipple seat for gauge hanger-1.50" No Go	3.060	1.500
	10.00	Tubing Pup Joint, 2 3/8"	3.060	1.995
	1.00	Wireline Re-Entry Guide	3.600	1.995

PBTD:



SUITE 3000
370 17TH ST
DENVER CO 80202
USA
720/904-1391
FAX: 720/904-1392

January 12, 2009

Utah Division of Oil, Gas and Mining
1594 West North Temple, Suite 1210
Box 145801
Salt Lake City, Utah 84114-5801

SVA 23-33-2119
API #43-019-31595
Sec 133-T21S-R19E
Grand County, UT

Carol Daniels:

Please find enclosed the following documents for the above referenced well:

- Form 9 Sundry – 1 Original & 2 copies

Please feel free to call me at (720) 239-4362 if you have any questions or need additional information.

With Appreciation,

A handwritten signature in black ink, appearing to read 'Kelly Jobman', with a long horizontal stroke extending to the right.

Kelly Jobman
Technical Analyst

CC:

Diane Visser
Billy Box
Scott Daves
Georganne Mitchell
Joyce McDonald
Tom Hewett
Carl Bassett
Steve Stacy
Taylor Hess
Mikki Hohle
Well File

RECEIVED

JAN 15 2009

DIV. OF OIL, GAS & MINING

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER _____		5. LEASE DESIGNATION AND SERIAL NUMBER:
2. NAME OF OPERATOR: Samson Resources		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
3. ADDRESS OF OPERATOR: 370 17th Street, Suite 3000 CITY Denver STATE CO ZIP 80202		7. UNIT or CA AGREEMENT NAME:
4. LOCATION OF WELL FOOTAGES AT SURFACE: SHL 2486' FSL & 1249' FWL; BHL 1718' FSL & 281' FWL		8. WELL NAME and NUMBER: SVA 23-33-2119
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NWSE 33 21S 19E		9. API NUMBER: 4301931595
COUNTY: Grand		10. FIELD AND POOL, OR WILDCAT: Wildcat
STATE: UTAH		

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: Monthly Status
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Well spud 09/30/2008 and rig released from drilling operations 11/07/2008. Completion procedures began 12/15/2008. 1st stage perf and acidize on 12/18/2008. 2nd stage perf 12/30/0008. Rig put on standby 1/07/2009 and moved off well 1/12/2009 to assess frac design. Once sufficient frac design is ready, the rig will be moved back on the well and frac process will begin. Please see attached wellbore diagram for details.

NAME (PLEASE PRINT) Kelly Jobman	TITLE Technical Analyst
SIGNATURE 	DATE 1/12/2009

(This space for State use only)

RECEIVED
JAN 15 2009

WELL NAME: SVA 23-33-2119		FIELD: Wildcat		LSE#: 043335	
STATE: Utah		COUNTY: Grand		LOCATION: NWSW 33 21S 19E	
API NO: 43-019-31555		SPUD DATE: 9/30/2008		FORMATION: Navajo	
TD: 4528'		PBTD: 4483'		ELEVATION: 4893' GL	

PIPE RECORD								CEMENT & HOLE DATA				
CSG	OD	GRADE	THD	WT/FT	TOP	BTM	# JTS	BIT SIZE	DEPTH	SK	WT.	TOC
Surf	8 5/8"	J-55	STC	24.00#	Srf	508'	12	12 1/4"		370	15.6 ppg	Srf
Prod	4 1/2"	P-110	LTC	11.60#	Srf	4528'	106	7 7/8"	4528'	240 245	11.5 ppg 13.0 ppg	Srf 3154'
Tbg	2 7/8"	J-55		6.5#	Surf	4233'						

REMARKS:

10/01/08: Set 8-5/8" surface casing - Aspen Rig KB 8'.

10/24/08: Stuck pipe - left 879 ft of BHA down hole.

11/02/08: Plug back 3420-3120' w/ 130 sks. Open hole sidetrack from 3055-3094'.

11/07/08: Set 4-1/2" production casing - Frontier Rig KB 14'.

11/25/08: Begin cmpln ops. TIH w/ CBL to 4475'. Pressure csg to 1000psi while logging to surf.

12/15/08: MIRU, set tanks for diesel and 2% KCl. NUBOP, NU rig pump and pit.

12/16/08: CO log from PBTD to 3200'. Unload 9000 gals diesel and 500 bbls 2% KCl.

12/17/08: Pressure test csg & BOP (good). TIH w/ bit & scooper to OBTD. Pump 2% KCl to clean csg. Displace H2O w/ 60 bbls diesel. Let diesel sit in csg overnight.

12/18/08: RIH w/ GR& guns. Perf 4394-4420' (4spf, 104 holes). No flow of gas or fluid. Csg on slight vacuum. Install press gauges. TIH w/ packer set @ 4366'. Ptest backside to 1000psi.

12/19/08: Pump DFIT: pump 1000gals 15% HCL w/ xylene & musol. Flush 750gals diesel. Formation break @ 2746 psi. Backside 0psi. Pump DFIT, Pump 2259gals diesel. Standing valve did not hold. Attempt to repressure, did not hold. Shut in for 48hrs.

12/22/08: SIP- 700psi on standing valve. Pull standing valve and DFIT gauges. Made 3 swab runs 13bbls to SN. Wait 30min run and swab w/ 1/2bbl, wait 1hr to swab. Make 8 swab runs for 14 1/2bbls. No flow of gas or fluid. 84bbls to recover.

12/23/08: Continue swabbing. TIH and land dual 3000psi gauges @ 4356'. Will pull 12/29/08.

12/29/08: Pull gauges. Swab; found fluid 800ft above SN. Swab 3bbls. Run 2nd swab. Found no fluid at SN. Release packer and start out of hole.

12/30/08: TOH w/ tbg. Set CIBP @ 4360'. PT (Good). Perf 4246-4260' (4 spf, 56 holes). TIH, set packer/tbg/DFIT tools at 4223'. PT (good).

12/31/08: PT to 6000psi. 0 psi SITP. Pump 1000 gal 15% HCl. Formation broke @ 3790 psi. Pump 2340 gals diesel. Flush w/ 2636 gals diesel. Set CIBP @ 6000psi.

01/05/09: Pull plug and DFIT equipment. RU to swab. 92 bbls to recover. 15 bbls recovered. 12bbls diesel/oil mix and 3 bbls water.

01/06/09: Continue Swabbing

01/07/09: Continue Swab. Rig on standby until 1/12/09. (to design frac)

01/12/09: Move off rig on until frac design is ready.

LOGS

DIRECTIONAL INFO

KOP - 1600'

Max Angle - 31 deg @ 3059' MD

Max Dogleg - 4.48 deg / 100' @ 3145' MD

Start of drop - N/A for Directional wellbore

Back to Vert - N/A for Directional wellbore

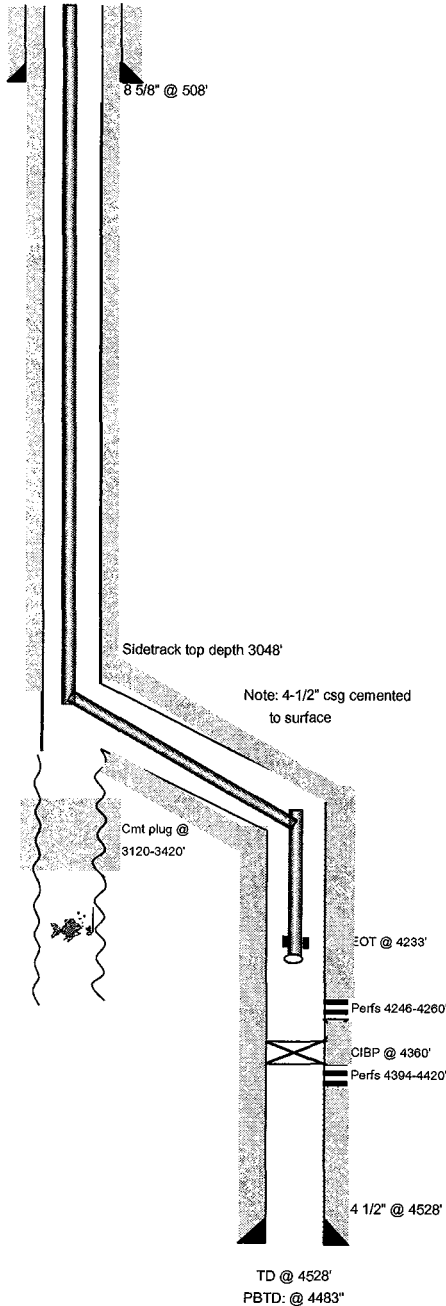
PERFORATION RECORD

DATE	TOP	BTM	ZONE	STATUS	SPF
12/18/2008	4394'	4420'	Wingate		4
12/30/2008	4246'	4260'	Wingate		4

Packer/Tbg Detail as of 12/31/08:	ID (in)	OD (in)	Length Feet	Depth Feet
2-7/8" tbg			4192.00	
XN SN	1.791"		1.00	
1 jt 2-7/8" tbg			30.23	
4.5 packer retrievable	1.920"		4.00	
perf sub			6.00	
fill disc assy	1.995"		1.50	
WL reentry tool			1.00	
EOT				4233.00

PUMP DETAIL

AS OF:



PREPARED BY: Kelly Jobman
DATE: 11/12/2008
Updated: 11/26/2008
 1/8/2009

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

RECEIVED

FEB 11 2009

FORM 9

DIV. OF OIL, GAS & MINING

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

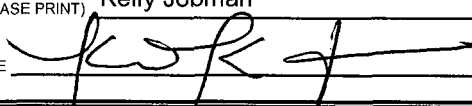
1. TYPE OF WELL OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER _____		5. LEASE DESIGNATION AND SERIAL NUMBER: MINING
2. NAME OF OPERATOR: Samson Resources		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
3. ADDRESS OF OPERATOR: 370 17th Street, Suite 3000 CITY Denver STATE CO ZIP 80202		7. UNIT or CA AGREEMENT NAME:
4. LOCATION OF WELL FOOTAGES AT SURFACE: SHL 2486' FSL & 1249' FWL; BHL 1718' FSL & 281' FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NWSE 33 21S 19E		8. WELL NAME and NUMBER: SVA 23-33-2119 9. API NUMBER: 4301931595 10. FIELD AND POOL, OR WILDCAT: Wildcat
		COUNTY: Grand STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA			
TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> ALTER CASING <input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> DEEPEN <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> PLUG BACK <input type="checkbox"/> PRODUCTION (START/RESUME) <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	<input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> TEMPORARILY ABANDON <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> WATER SHUT-OFF <input checked="" type="checkbox"/> OTHER: Monthly Status
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____			

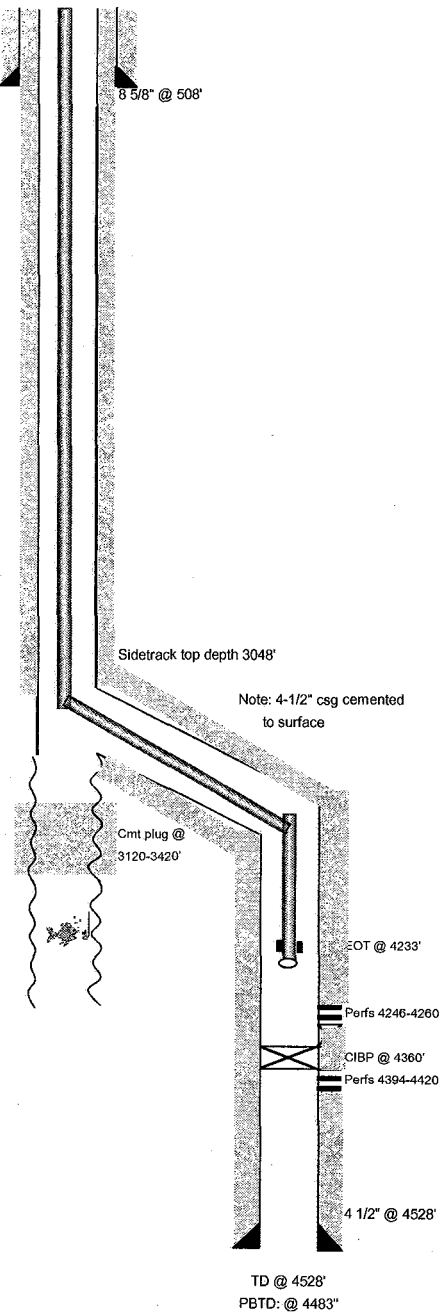
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Well spud 09/30/2008 and rig released from drilling operations 11/07/2008. Completion procedures began 12/15/2008. 1st stage perf and acidize on 12/18/2008. 2nd stage perf 12/30/0008. Rig put on standby 1/07/2009 and moved off well 1/12/2009 to assess frac design. Once sufficient frac design is ready, the rig will be moved back on the well and frac process will begin. Please see attached wellbore diagram for details.

Samson Resources is still evaluating the proper frac design. No work has yet been performed on wellbore. Rig has not been moved back onto well.

NAME (PLEASE PRINT) Kelly Jobman	TITLE Technical Analyst
SIGNATURE 	DATE 2/9/2009

(This space for State use only)



WELL NAME: SVA 23-33-2119		FIELD: Wildcat		LSE#: 043335	
STATE: Utah		COUNTY: Grand		LOCATION: NWSW 33 21S 19E	
API NO: 43-019-31555		SPUD DATE: 9/30/2008		FORMATION: Navajo	
TD: 4528'		PBTD: 4483'		ELEVATION: 4893' GL	

PIPE RECORD								CEMENT & HOLE DATA				
CSG	OD	GRADE	THD	WT/FT	TOP	BTM	# JTS	BIT SIZE	DEPTH	SX	WT.	TOC
Surf	8 5/8"	J-55	STC	24.00#	Srf	508'	12	12 1/4"		370	15.6 ppg	Srf
Prod	4 1/2"	P-110	LTC	11.60#	Srf	4528'	106	7 7/8"	4528'	240 245	11.5 ppg 13.0 ppg	Srf 3154'
Tbg	2 7/8"	J-55		6.5#	Surf	4233'						

REMARKS:

10/01/08: Set 8-5/8" surface casing - Aspen Rig KB 8'.
10/24/08: Stuck pipe - left 879 ft of BHA down hole.
11/02/08: Plug back 3420-3120' w/ 130 sks. Open hole sidetrack from 3055-3094'.
11/07/08: Set 4-1/2" production casing - Frontier Rig KB 14'.
11/25/08: Begin cmpln ops. TIH w/ CBL to 4475'. Pressure csg to 1000psi while logging to surf.
12/15/08: MIRU, set tanks for diesel and 2% KCl. NUBOP, NU rig pump and pit.
12/16/08: CO log from PBTD to 3200'. Unload 9000 gals diesel and 500 bbls 2% KCl.
12/17/08: Pressure test csg & BOP (good). TIH w/ bit & sagger ti OBTD. Pump 2% KCl to clean csg. Displace H2O w/ 60 bbls diesel. Let diesel sit in csg overnight.
12/18/08: RIH w/ GR& guns. Perf 4394-4420' (4spf, 104 holes). No flow of gas or fluid. Csg on slight vaccum. Install press gauges. TIH w/ packer set @ 4366'. Ptest backside to 1000psi.
12/19/08: Pump DFIT: pump 1000gals 15%HCL w/xylene & musol. Flush 750gals diesel.
Formation break @ 2746 psi. Backside Opsi. Pump DFIT, Pump 2259gals diesel. Standing valve did not hold. Attempt to repressure, did not hold. Shut in for 48hrs.
12/22/08: SIP- 700psi on standing valve. Pull standing valve and DFIT gauges.
Made 3 swab runs 13bbls to SN. Wait 30min run and swab w/1/2bbl, wait 1hr to swab.
Make 8 swab runs for 14 1/2bbls. No flow of gas or fluid. 84bbls to recover.
12/23/08: Continue swabbing. TIH and land dual 3000psi gauges @ 4356'.
Will pull 12/29/08.
12/29/08: Pull gauges. Swab; found fluid 800ft above SN. Swab 3bbls. Run 2nd swab. Found no fluid at SN. Release packer and start out of hole.
12/30/08: TOH w/ tbg. Set CIBP @ 4360'. PT (Good). Perf 4246-4260' (4 spf, 56 holes). TIH, set packer/tbg/DFIT tools at 4223'. PT (good).
12/31/08: PT to 6000psi. 0 psi SITP. Pump 1000 gal 15% HCL. Formation broke @ 3790 psi. Pump 2340 gals diesel. Flush w/ 2636 gals diesel. Set CIBP @ 8000psi.
01/05/09: Pull plug and DFIT equipment. RU to swab. 92 bbls to recover. 15 bbls recovered. 12bbls diesel/oil mix and 3 bbls water.

LOGS

DIRECTIONAL INFO

KOP - 1600'
Max Angle - 31 deg @ 3059' MD
Max Dogleg - 4.48 deg / 100' @ 3145' MD
Start of drop - N/A for Directional wellbore
Back to Vert - N/A for Directional wellbore

PERFORATION RECORD

DATE	TOP	BTM	ZONE	STATUS	SPF
12/18/2008	4394'	4420'	Wingate		4
12/30/2008	4246'	4260'	Wingate		4

Packer/Tbg Detail as of 12/31/08:

ID	OD	Length Feet	Depth Feet
2-7/8" tbg		4192.00	
XN SN	1.791"	1.00	
1 jt 2-7/8" tbg		30.23	
4.5 packer retrievable	1.920"	4.00	
perf sub		6.00	
fill disc assy	1.995"	1.50	
WL reentry tool		1.00	
EOT			4233.00

PUMP DETAIL

AS OF:

PREPARED BY: Kelly Jobman

DATE: 11/12/2008

Updated: 11/26/2008

1/13/2009

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

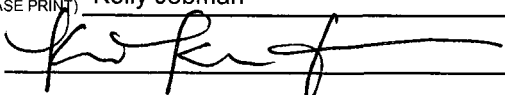
1. TYPE OF WELL OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER _____		5. LEASE DESIGNATION AND SERIAL NUMBER:
2. NAME OF OPERATOR: Samson Resources		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
3. ADDRESS OF OPERATOR: 370 17th Street, Suite 3000 CITY Denver STATE CO ZIP 80202		7. UNIT or CA AGREEMENT NAME:
PHONE NUMBER: (720) 239-4362		8. WELL NAME and NUMBER: SVA 23-33-2119
4. LOCATION OF WELL FOOTAGES AT SURFACE: SHL 2486' FSL & 1249' FWL; BHL 1718' FSL & 281' FWL		9. API NUMBER: 4301931595
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NWSE 33 21S 19E		10. FIELD AND POOL, OR WILDCAT: Wildcat
COUNTY: Grand		STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA			
TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: Monthly Status
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Well spud 09/30/2008 and rig released from drilling operations 11/07/2008. Completion procedures began 12/15/2008. 1st stage perf and acidize on 12/18/2008. 2nd stage perf 12/30/0008. Rig put on standby 1/07/2009 and moved off well 1/12/2009 to assess frac design. Once sufficient frac design is ready, the rig will be moved back on the well and frac process will begin. Please see attached wellbore diagram for details.

While evaluating the proper frac design, Samson decided to look into possibility of of plugging wellbore. We are working with partners to decide on future operations.

NAME (PLEASE PRINT) Kelly Jobman	TITLE Technical Analyst
SIGNATURE 	DATE 3/11/2009

(This space for State use only)

RECEIVED
MAR 18 2009
DIV. OF OIL, GAS & MINING

Division of Oil, Gas and Mining
OPERATOR CHANGE WORKSHEET

ROUTING

1. DJJ
 2. CDW

X - Change of Operator (Well Sold)

Operator Name Change/Merger

The operator of the well(s) listed below has changed, effective:

4/14/2009

FROM: (Old Operator):

N8020-Samson Resources Company
 Two West, Second Street
 Tulsa, OK 74103-3103

Phone: 1 (918) 591-1791

TO: (New Operator):

N3440-NAE, LLC
 110 16th St, Suite 1220
 Denver, CO 80202

Phone: 1 (303) 327-7169

CA No.

Unit:

SALT VALLEY ANTICLINE

WELL NAME	SEC	TWN	RNG	API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS
SVA 23-33-2119	33	210S	190E	4301931595	17247	State	GW	DRL

OPERATOR CHANGES DOCUMENTATION

Enter date after each listed item is completed

- (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 4/22/2009
- (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 4/22/2009
- The new company was checked on the **Department of Commerce, Division of Corporations Database** on: 1/15/2008
- a. Is the new operator registered in the State of Utah: _____ Business Number: 6666480-0161
- b. If **NO**, the operator was contacted on: _____
- a. (R649-9-2) Waste Management Plan has been received on: IN PLACE
- b. Inspections of LA PA state/fee well sites complete on: ok
- c. Reports current for Production/Disposition & Sundries on: ok
- Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: BLM n/a BIA
- Federal and Indian Units:**
The BLM or BIA has approved the successor of unit operator for wells listed on: n/a
- Federal and Indian Communization Agreements ("CA"):**
The BLM or BIA has approved the operator for all wells listed within a CA on: n/a
- Underground Injection Control ("UIC")** The Division has approved UIC Form 5, **Transfer of Authority to Inject**, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: n/a

DATA ENTRY:

- Changes entered in the **Oil and Gas Database** on: 4/29/2009
- Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 4/29/2009
- Bond information entered in RBDMS on: 4/29/2009
- Fee/State wells attached to bond in RBDMS on: 4/29/2009
- Injection Projects to new operator in RBDMS on: n/a
- Receipt of Acceptance of Drilling Procedures for APD/New on: n/a

BOND VERIFICATION:

- Federal well(s) covered by Bond Number: UTB000296
- Indian well(s) covered by Bond Number: n/a
- a. (R649-3-1) The **NEW** operator of any fee well(s) listed covered by Bond Number 8030575893
- b. The **FORMER** operator has requested a release of liability from their bond on: n/a
The Division sent response by letter on: n/a

LEASE INTEREST OWNER NOTIFICATION:

- (R649-2-10) The **NEW** operator of the fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: n/a

COMMENTS:

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 9

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1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <u>Inactive</u>		5. LEASE DESIGNATION AND SERIAL NUMBER: <u>ML-47576</u>
2. NAME OF OPERATOR: <u>North American Exploration LLC (NAE)</u> <u>N3440</u>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME: <u>N/A</u>
3. ADDRESS OF OPERATOR: <u>110 16th Street, Ste. 1220</u> CITY <u>Denver</u> STATE <u>CO</u> ZIP <u>80202</u>		7. UNIT or CA AGREEMENT NAME: <u>Salt Valley Anticline Unit</u>
4. LOCATION OF WELL FOOTAGES AT SURFACE: <u>2486' FSL & 1249' FWL</u> BHL: <u>1718' FSL & 281' FWL</u> QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: <u>NWSW 33 21S 19E</u>		8. WELL NAME and NUMBER: <u>SVA 23-33-2119</u>
PHONE NUMBER: <u>(303) 327-7169</u>		9. API NUMBER: <u>019-31595</u>
COUNTY: <u>Grand</u>		10. FIELD AND POOL, OR WILDCAT: <u>Wildcat</u>
STATE: <u>UTAH</u>		

CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input checked="" type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
<input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> OTHER: _____
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Samson Resources proposes to transfer operations of this well to:

North American Exploration LLC
110 16th Street Ste. 1220
Denver, CO 80202

state Bond = 8030575893

Name: Rich Frommer Title: Vice President, Rocky Mountains
Samson Resources Company

Signature *Rich Frommer* Date: 4/15/09

*N802D Two West Second Street
Tulsa OK 74103-3103
(918) 591-1791*

NAME (PLEASE PRINT) Mark Grummon - North American Exploration LLC TITLE Executive Vice President

SIGNATURE *Mark Grummon* DATE 4/20/09

(This space for State use only)

APPROVED 4/29/09
Earlene Russell
Division of Oil, Gas and Mining
Earlene Russell, Engineering Technician

(See Instructions on Reverse Side)

RECEIVED

APR 22 2009

DIV. OF OIL, GAS & MINING

RECEIVED
APR 27 2009
DIV. OF OIL, GAS & MINING

April 23, 2009

Earlene Russell
Division of Oil, Gas & Mining
PO Box 145801
Salt Lake City, UT 84114-5801

RE: SVA #23-33-2119 Well
Salt Valley Anticline Unit Area
Grand County, Utah

Earlene:

Enclosed please find the executed collateral bond number 8030575893. Our intention is for the bond to cover our operations of the captioned well as NAE, LLC.

Very truly yours,

NORTH AMERICAN EXPLORATION LLC



John L. Moore
Chief Landman

WDO Gm

(Submit in triplicate)

DESIGNATION OF AGENT

The undersigned is, on the records of the Bureau of Land Management, unit operator under the Salt Valley Anticline Unit Agreement, Grand County, Utah, No. UTU-084389X approved and effective on 6/23/2006

And hereby designates:

Name: NORTH AMERICAN EXPLORATION, LLC (NAE)
Address: 110 16TH STREET, SUITE 1220
DENVER, CO 80202

as its agent, with full authority to act on its behalf in complying with the terms of the unit agreement and regulations applicable thereto and on whom the authorized officer or his representative may serve written or oral instructions in securing compliance with the oil and gas operating regulations with respect to drilling, testing, and completing unit well No. SVA 23-33-219 in the NE $\frac{1}{4}$ SW $\frac{1}{4}$, Sec. 33, T.21S, R.19E, Grand, County, Utah. Bond coverage will be provided under (Statewide, Nationwide, Lessee) Bond No. UTB000296.

It is understood that this designation of agent does not relieve the unit operator of responsibility for compliance with the terms of the unit agreement and the oil and gas operating regulations. It is also understood that this designation of agent does not constitute an assignment of any interest under the unit agreement or any lease committed thereto.

In case of default on the part of the designated agent, the unit operator will make full and prompt compliance with all regulations, lease terms, or orders of the Secretary of the Interior or his duly authorized representative.

The unit operator agrees promptly to notify the authorized officer of any change in the designated agent.

This designation of agent is deemed to be temporary and in no manner a permanent arrangement and a designated agent may not designate another party as agent.

This designation is given only to enable the agent herein designated to drill the above specified well. It is understood that this designation of agent is limited to the field operations performed while drilling and completing the specified well and does not include administrative actions requiring specific authorization of the unit operator. This designation in no way will serve as authorization for the agent to conduct field operations for the specified well after it has been completed for production. Unless sooner terminated, this designation shall terminate when there is filed in the appropriate office of the Bureau of Land Management all reports and a Well Completion Report and Log (Form 3160-4) as required by the approved Application for Permit to Drill for the specified well.

In the event the above specified well is completed as a non-paying unit well, the authority for the designated agent to operate this well shall be established by completion of the Delegation of Authority to Operate Non-paying Unit Well form and submittal of the form to the appropriate office of the authorized officer.

Date 4/14/09

APPROVED - EFFECTIVE

APR 23 2009

Bruce J. Hammond

CHIEF, BRANCH OF FLUID MINERALS
BUREAU OF LAND MANAGEMENT

Unit Operator: SAMSON RESOURCES COMPANY

By: Rich Frommer

Rich Frommer, Vice President, Rocky Mountains

ch

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER _____	5. LEASE DESIGNATION AND SERIAL NUMBER: State of Utah ML-47576
2. NAME OF OPERATOR: North American Exploration, LLC	6. IF INDIAN, ALLOTTEE OR TRIBE NAME: N/A
3. ADDRESS OF OPERATOR: 110 16th St., Ste. 1220 CITY Denver STATE CO ZIP 80202	7. UNIT or CA AGREEMENT NAME: Sun Valley Anticline Unit
4. LOCATION OF WELL FOOTAGES AT SURFACE: 2486' FSL & 1249' FWL	8. WELL NAME and NUMBER: SVA #23-33-2119
PHONE NUMBER: (303) 327-7169	9. API NUMBER: 43-019-31595
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NWSW 33 21S 19E	10. FIELD AND POOL, OR WILDCAT: Wildcat
COUNTY: Grand	STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: 7/27/2009	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
<input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion:	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> OTHER: _____
	<input type="checkbox"/> CONVERT WELL TYPE	<input checked="" type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

North American Exploration, LLC would like to re-complete this well in the Upper Wingate formation per the attached procedure. They would like to start this work as soon as possible.

COPY SENT TO OPERATOR

Date: 7.28.2009
Initials: KS

NAME (PLEASE PRINT) David Braden TITLE Agent
SIGNATURE [Signature] DATE 7/27/2009

(This space for State use only)

APPROVED BY THE STATE
OF UTAH DIVISION OF
OIL, GAS, AND MINING
DATE: 7/27/09
BY: [Signature]

(See Instructions on Reverse Side)

(5/2000)

RECEIVED
JUL 27 2009

DIV. OF OIL, GAS & MINING

**NORTH AMERICAN EXPLORATION LLC
PROPOSED FRAC PROCEDURE**

SVA 23-33-2119
(NWSW) Section 33-T21S-R19E

Wildcat
Grand County, Utah

July 24, 2009

WELL DATA

Surface Location: 2486' FSL and 1249' FWL (NWSW) Section 33-T21S-R19E

Bottomhole Location: 1542' FSL and 300' FWL (NWSW) Section 33-T21S-R19E (at 4528' MD)

API Number: 43-019-31595

Elevation: 4890' GL (graded), 4902' KB

TD: 4,528'

PBTD: 4,360' (CIBP)

Surface Casing: 8-5/8", 24#, J-55, STC casing set at 500' and cemented to surface with 370 sx Class 'G' cement.

Production Casing: 4-1/2", 11.6#, P-110, LTC casing set at 4,528' and cemented with 485 sx (slurry type unknown). Cement was reportedly circulated to surface; however, inspection of CBL indicates only stringers down to a depth of approximately 1400'. The bond across the pay appears to be good.

Perforated Intervals: Wingate: 4,246' to 4,260' with 4 SPF (56 – 0.56" EHD holes)
Lower Wingate: 4,394' to 4,420' with 4 SPF (104 – 0.56" EHD holes). These perfs are isolated below the CIBP set at 4,360'.

Casing, Tubing, ID/Capacity: 4-1/2" (11.6#) - 4.000"/.0155 bbl per foot
2-3/8" (4.7#) - 1.995"/.00387 bbl per foot

Minimum Casing Drift Diameter: 3.875"

Annular Capacity: 4-1/2" x 2-3/8" - .0101 bbl per foot

Minimum Casing Burst Pressure: 10,690 psi (8,552 psi at 80%)

Wellhead Working Pressure: 3,000 psi (assumed)

Present Status: Well is shut in – waiting on artificial lift installation.

PROPOSED PROCEDURE

1. Move in and rig up completion unit. Check tubing and casing pressures. Blow well down and relay data to Denver office.
2. Nipple down tree and nipple-up 7-1/16" x 3000 psi double-gate BOP dressed with blind rams and 2-3/8" pipe rams.
3. Pick up additional tubing to tag up and TOOH with open-ended tubing, tallying same.

4. Rig up wireline truck and perforate the Upper Wingate (through lubricator) from 4174-4194' with 3-1/8" expendable casing gun (1 JSPF, 23-gm charges, 180°-phasing, total of 21, 0.38" EHD holes with 33.65" estimated penetration).
5. Pick up Baker Lock-Set packer (or equivalent) and retrievable bridge plug (with ball catcher) combination. TIH and set bridge plug at 4220'. Pick up 5-10' and pressure test plug to 3000 psi. Pick up to 4150' and set packer. Pressure test annulus to 1500 psi and rig up to swab.
6. Swab well to determine productivity. Catch and save frequent fluid samples for analysis. Record fluid levels, hourly fluid entry, and oil/water cuts.
7. If warranted, acidize Wingate perforations with 2000 gallons 15% HCl acid containing 2 gpt HAI-404M (Corrosion inhibitor), 4 gpt LoSurf 300M (surfactant), 7 gpt Cla-Sta (R) XP (clay control), and 20 gpt Musol (R) (solvent). Drop 20-7/8" 1.3 sg ball sealers throughout treatment and pump acid at maximum rate without exceeding 4000 psi surface pressure. Overdisplace acid with 20 bbl 2% KCL water containing 7 gpt Cla-Sta. Shut well in and record ISIP and 5, 10, 15 and 30 min. SIP's.
8. Swab well to recover load and determine productivity.
9. At this point, four options will exist as follows:
 - If minimal fluid entry with a high oil cut is observed, further stimulation will be investigated.
 - If excessive water cuts are observed, these perms may be squeezed and the Middle Wingate perms will be placed on production.
 - If commercial production (with low water-cut) is indicated, these perms will be placed on production separately.
 - If similar water cuts are observed, these perms may be commingled with the Middle Wingate perms and the well placed on production.
10. Depending on productivity, the retrievable bridge plug may be retrieved at this time, or replaced with a CIBP, if so warranted.
11. TIH with 2-3/8" production string and anchor (configuration to be determined) and nipple down BOP. Commence tank battery construction and installation of artificial lift.

Prepared by:

Dan Hall
Energy Operating Company, Inc.

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 9

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1. TYPE OF WELL OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER _____		5. LEASE DESIGNATION AND SERIAL NUMBER: ML-47576
2. NAME OF OPERATOR: NAE LLC		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
3. ADDRESS OF OPERATOR: 110 16TH ST., STE 1220 CITY DENVER STATE CO ZIP 80202		7. UNIT or CA AGREEMENT NAME: Salt Valley Anticline Unit
PHONE NUMBER: (303) 327-7169		8. WELL NAME and NUMBER: SVA 23-33-2119
4. LOCATION OF WELL FOOTAGES AT SURFACE: SHL 2468' FSL, & 1249' FWL; BHL 1718'		9. API NUMBER: 4301931595
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NWSE 33 21S 19E		10. FIELD AND POOL, OR WILDCAT: WILDCAT
COUNTY: GRAND		STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
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	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
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	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: 4/30/2009	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: MONTHLY STATUS
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

4/30/2009 Well shut in evaluating proper frac design.

NAME (PLEASE PRINT) Mark Grummon TITLE Exec VP
SIGNATURE _____ DATE 8/21/2009

(This space for State use only)

RECEIVED
AUG 26 2009
DIV. OF OIL, GAS & MINING

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 9

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1. TYPE OF WELL OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER _____		5. LEASE DESIGNATION AND SERIAL NUMBER: ML-47576
2. NAME OF OPERATOR: NAE LLC		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
3. ADDRESS OF OPERATOR: 110 16TH ST., STE 1220 CITY DENVER STATE CO ZIP 80202		7. UNIT or CA AGREEMENT NAME: Salt Valley Anticline Unit
PHONE NUMBER: (303) 327-7169		8. WELL NAME and NUMBER: SVA 23-33-2119
4. LOCATION OF WELL FOOTAGES AT SURFACE: SHL 2468' FSL, & 1249' FWL; BHL 1718'		9. API NUMBER: 4301931595
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COUNTY: GRAND		STATE: UTAH

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	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: 5/31/2009	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: MONTHLY STATUS
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

5/18/2009 MIRU frac equipment
5/23/2009 Frac perms 4246-60' with 30106 gal water, 1422 sk sand, 335460 lbs CO2
5/24-31/2009 Flow back and test well

NAME (PLEASE PRINT) Mark Grummon TITLE Exec VP
SIGNATURE _____ DATE 8/21/2009

(This space for State use only)

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER _____		5. LEASE DESIGNATION AND SERIAL NUMBER: ML-47576
2. NAME OF OPERATOR: NAE LLC		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
3. ADDRESS OF OPERATOR: 110 16TH ST., STE 1220 CITY DENVER STATE CO ZIP 80202		7. UNIT or CA AGREEMENT NAME: Salt Valley Anticline Unit
PHONE NUMBER: (303) 327-7169		8. WELL NAME and NUMBER: SVA 23-33-2119
4. LOCATION OF WELL FOOTAGES AT SURFACE: SHL 2468' FSL, & 1249' FWL; BHL 1718'		9. API NUMBER: 4301931595
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NWSE 33 21S 19E		10. FIELD AND POOL, OR WILDCAT: WILDCAT
COUNTY: GRAND		STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: 6/30/2009	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: MONTHLY STATUS
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

6/1-12/2009 Flow back and test well
6/13/2009 Shut well in and evaluate need for additional testing

NAME (PLEASE PRINT) Mark Grummon	TITLE Exec VP
SIGNATURE _____	DATE 8/21/2009

(This space for State use only)

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER _____		5. LEASE DESIGNATION AND SERIAL NUMBER: ML-47576
2. NAME OF OPERATOR: NAE LLC		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
3. ADDRESS OF OPERATOR: 110 16TH ST., STE 1220 CITY DENVER STATE CO ZIP 80202		7. UNIT or CA AGREEMENT NAME: Salt Valley Anticline Unit
PHONE NUMBER: (303) 327-7169		8. WELL NAME and NUMBER: SVA 23-33-2119
4. LOCATION OF WELL FOOTAGES AT SURFACE: SHL 2468' FSL, & 1249' FWL; BHL 1718'		9. API NUMBER: 4301931595
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NWSE 33 21S 19E		10. FIELD AND POOL, OR WILDCAT: WILDCAT
COUNTY: GRAND		STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: 7/31/2009	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: MONTHLY STATUS
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

7/1-28/2009 Flow back and test well
7/29/2009 Perf 4174-94'
7/30/2009 Set RBP @ 4227', swab test well
7/31/2009 swab and flow test well

NAME (PLEASE PRINT) <u>Mark Grummon</u>	TITLE <u>Exec VP</u>
SIGNATURE _____	DATE <u>8/21/2009</u>

(This space for State use only)

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER _____		5. LEASE DESIGNATION AND SERIAL NUMBER: ML-47576
2. NAME OF OPERATOR: NAE LLC		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
3. ADDRESS OF OPERATOR: 110 16TH ST., STE 1220 CITY DENVER STATE CO ZIP 80202		7. UNIT or CA AGREEMENT NAME: Salt Valley Anticline Unit
PHONE NUMBER: (303) 327-7169		8. WELL NAME and NUMBER: SVA 23-33-2119
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QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NWSE 33 21S 19E		10. FIELD AND POOL, OR WILDCAT: WILDCAT
COUNTY: GRAND		STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: 8/31/2009	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: MONTHLY STATUS
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

8/1-2/2009 Flow back and test well
8/3-4/2009 Shut well in for pressure build up test
8/5/2009 Perf 4124-44' and 4149-54' and set RBP @ 4169', swab test well
8/6-19/2009 swab and flow test well
8/20/2009 Shut well in and prepare to put on pump.

NAME (PLEASE PRINT) Mark Grummon TITLE Exec VP
SIGNATURE DATE 8/21/2009

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AMENDED REPORT ☐ FORM 8
(highlight changes)

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

[illegible]

(5/2000)

(CONTINUED ON BACK)

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31. INITIAL PRODUCTION

INTERVAL A (As shown in item #26)

DATE FIRST PRODUCED: 5/23/2009	TEST DATE: 5/26/2009	HOURS TESTED: 12	TEST PRODUCTION RATES: →	OIL - BBL: 97	GAS - MCF:	WATER - BBL: 278	PROD. METHOD: FLOWING
CHOKE SIZE: 24/64"	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU - GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	INTERVAL STATUS: SHUT IN

INTERVAL B (As shown in item #26)

DATE FIRST PRODUCED: 7/30/2009	TEST DATE: 7/31/2009	HOURS TESTED: 10	TEST PRODUCTION RATES: →	OIL - BBL: 100	GAS - MCF:	WATER - BBL: 238	PROD. METHOD: FLOW/SWA
CHOKE SIZE: 2"	TBG. PRESS.	CSG. PRESS.	API GRAVITY 38.50	BTU - GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	INTERVAL STATUS: SHUT IN

INTERVAL C (As shown in item #26)

DATE FIRST PRODUCED: 8/6/2009	TEST DATE: 8/7/2009	HOURS TESTED: 9	TEST PRODUCTION RATES: →	OIL - BBL: 23	GAS - MCF:	WATER - BBL: 99	PROD. METHOD: FLOW/SWA
CHOKE SIZE: 2"	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU - GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	INTERVAL STATUS: SHUT IN

INTERVAL D (As shown in item #26)

DATE FIRST PRODUCED:	TEST DATE:	HOURS TESTED:	TEST PRODUCTION RATES: →	OIL - BBL:	GAS - MCF:	WATER - BBL:	PROD. METHOD:
CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU - GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	INTERVAL STATUS:

32. DISPOSITION OF GAS (Sold, Used for Fuel, Vented, Etc.)

Gas being used for lease fuel. Surplus gas will be flared.

33. SUMMARY OF POROUS ZONES (Include Aquifers):

Show all important zones of porosity and contents thereof. Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

34. FORMATION (Log) MARKERS:

Formation	Top (MD)	Bottom (MD)	Descriptions, Contents, etc.	Name	Top (Measured Depth)
WINGATE	3,801	4,435	SANDSTONE, OIL/WATER	ENTRADA	2,623
NAVAJO	3,214	3,704	SANDSTONE, OIL/WATER FROM LOG	CARMEL	2,894
ENTRADA	2,623	2,894	SANDSTONE, WATER	NAVAJO	3,206
				KAYENTA	3,704
				WINGATE	3,801
				CHINLE	4,435

35. ADDITIONAL REMARKS (Include plugging procedure)

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records.

NAME (PLEASE PRINT) MARK GRUMMONTITLE EXEC VPSIGNATURE DATE 8/26/2009

This report must be submitted within 30 days of

- completing or plugging a new well
- drilling horizontal laterals from an existing well bore
- recompleting to a different producing formation
- reentering a previously plugged and abandoned well
- significantly deepening an existing well bore below the previous bottom-hole depth
- drilling hydrocarbon exploratory holes, such as core samples and stratigraphic tests

* ITEM 20: Show the number of completions if production is measured separately from two or more formations.

** ITEM 24: Cement Top - Show how reported top(s) of cement were determined (circulated (CIR), calculated (CAL), cement bond log (CBL), temperature survey (TS)).

Send to: Utah Division of Oil, Gas and Mining
1594 West North Temple, Suite 1210
Box 145801
Salt Lake City, Utah 84114-5801

Phone: 801-538-5340

Fax: 801-359-3940

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 6

ENTITY ACTION FORM

Operator: NAE, LLC Operator Account Number: N 3440
Address: 110 SIXTEENTH ST, SUITE 1220
city DENVER
state CO zip 80202 Phone Number: (303) 327-7169

Well 1

SESE

API Number	Well Name		QQ	Sec	Twp	Rng	County
4301931402	CACTUS ROSE MSC 2-1		NWSW	2	21S	18E	GRAND
Action Code	Current Entity Number	New Entity Number	Spud Date		Entity Assignment Effective Date		
E	14306	14306	9/10/2004		9/2/09		
Comments: Recompleted in the Mancos formation on 3/5/2007 WHRM							

Well 2

API Number	Well Name		QQ	Sec	Twp	Rng	County
4301931595	SVA 23-33-2119		NWSW	33	21S	19E	GRAND
Action Code	Current Entity Number	New Entity Number	Spud Date		Entity Assignment Effective Date		
E	17247	17247	9/30/2008		9/2/09		
Comments: COMPLETE WELL IN THE WINGATE FORMATION CHIN BHL = NWNW							

Well 3

API Number	Well Name		QQ	Sec	Twp	Rng	County
4301931572	CRU 31-24-2218		SESW	31	22S	18E	
Action Code	Current Entity Number	New Entity Number	Spud Date		Entity Assignment Effective Date		
A	99999	99998	4/25/2008		9/2/09		
Comments: CHIN - well PA'd 5/8/09							

CONFIDENTIAL

ACTION CODES:

- A - Establish new entity for new well (single well only)
- B - Add new well to existing entity (group or unit well)
- C - Re-assign well from one existing entity to another existing entity
- D - Re-assign well from one existing entity to a new entity
- E - Other (Explain in 'comments' section)

Mark Grummon
Name (Please Print)
Signature
Title Exec VP Date 9/1/2009

(5/2000)

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DIV. OF OIL, GAS & MINING



Actual Wellpath Report

SVA 23-33-2119 ST_awp

Page 1 of 2



INTEQ

REFERENCE WELLPATH IDENTIFICATION

Operator	SAMSON RESOURCES	Slot	Slot #01 SVA 23-33-2119 2486'FSL & 1249'FWL
Area	UTAH	Well	SVA 23-33-2119
Field	GRAND COUNTY (NAD 27)	Wellbore	SVA 23-33-2119 ST
Facility	SEC.33-T21S-R19E	Sidetrack from	SVA 23-33-2119 AWB at 3048.00 MD

REPORT SETUP INFORMATION

Projection System	NAD27 / UTM Zone 12 North, US feet	Software System	WellArchitect® 2.0
North Reference	True	User	Buscnat
Scale	0.999727	Report Generated	11/7/2008 at 2:11:36 PM
Convergence at slot	0.74° East	Database/Source file	WellArchitect_Denver/SVA_23-33-2119_ST.xml

WELLPATH LOCATION

	Local coordinates		Grid coordinates		Geographic coordinates	
	North[ft]	East[ft]	Easting[USft]	Northing[USft]	Latitude	Longitude
Slot Location	0.00	0.00	1973378.43	14143040.75	38°56'31.949"N	109°49'44.339"W
Facility Reference Pt			1973378.43	14143040.75	38°56'31.949"N	109°49'44.339"W
Field Reference Pt			1973184.82	14143038.39	38°56'31.950"N	109°49'46.790"W

WELLPATH DATUM

Calculation method	Minimum curvature	Frontier 4 (RT) to Facility Vertical Datum	4905.00ft
Horizontal Reference Pt	Slot	Frontier 4 (RT) to Mean Sea Level	4905.00ft
Vertical Reference Pt	Frontier 4 (RT)	Facility Vertical Datum to Mud Line (Facility)	0.00ft
MD Reference Pt	Frontier 4 (RT)	Section Origin	N 0.00, E 0.00 ft
Field Vertical Reference	Mean Sea Level	Section Azimuth	225.17°

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DIV. OF OIL, GAS & MINING

REFERENCE WELLPATH IDENTIFICATION

Operator	SAMSON RESOURCES	Slot	Slot #01 SVA 23-33-2119 2486'FSL & 1249'FWL
Area	UTAH	Well	SVA 23-33-2119
Field	GRAND COUNTY (NAD 27)	Wellbore	SVA 23-33-2119 ST
Facility	SEC.33-T21S-R19E	Sidetrack from	SVA 23-33-2119 AWB at 3048.00 MD

WELLPATH DATA (18 stations) † = interpolated/extrapolated station

MD [ft]	Inclination [°]	Azimuth [°]	TVD [ft]	Vert Sect [ft]	North [ft]	East [ft]	DLS [°/100ft]
3048.00	31.030	229.390	2900.30	648.75	-499.72	-418.01	1.10
3059.00	31.100	229.090	2909.72	654.41	-503.43	-422.30	1.54
3145.00	29.530	236.070	2983.99	697.40	-529.81	-456.69	4.48
3240.00	29.620	234.660	3066.61	743.55	-556.46	-495.26	0.74
3336.00	29.710	235.010	3150.03	790.39	-583.82	-534.11	0.20
3431.00	29.620	234.660	3232.58	836.74	-610.90	-572.54	0.21
3525.00	29.360	233.960	3314.40	882.42	-637.90	-610.13	0.46
3620.00	29.000	232.900	3397.34	928.26	-665.49	-647.33	0.66
3716.00	28.830	233.260	3481.37	974.23	-693.37	-684.43	0.25
3811.00	28.130	231.150	3564.88	1019.19	-721.12	-720.23	1.29
3906.00	27.690	229.740	3648.83	1063.46	-749.44	-754.52	0.83
4001.00	27.600	228.330	3732.99	1107.44	-778.33	-787.80	0.70
4096.00	27.160	227.630	3817.34	1151.08	-807.58	-820.26	0.57
4191.00	26.720	226.580	3902.03	1194.09	-836.87	-851.79	0.68
4286.00	26.100	225.170	3987.12	1236.34	-866.28	-882.12	0.93
4381.00	25.660	222.710	4072.59	1277.79	-896.13	-910.90	1.22
4477.00	24.260	217.790	4159.64	1318.12	-926.99	-937.09	2.61
4528.00†	23.500	215.000	4206.27	1338.52	-943.60	-949.34	2.67

WELLPATH COMPOSITION Ref Wellbore: SVA 23-33-2119 ST Ref Wellpath: SVA 23-33-2119 ST_awp

Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment	Wellbore
12.00	3048.00	MTC (Collar, post-2000) (Standard)	BHI MWD 610-4091	SVA 23-33-2119 AWB
3048.00	4477.00	MTC (Collar, post-2000) (Standard)	BHI MWD 3059-4477	SVA 23-33-2119 ST
4477.00	4528.00	Blind Drilling (std)	Projection to bit	SVA 23-33-2119 ST



Actual Wellpath Report

SVA 23-33-2119 AWB OH

Page 1 of 3



INTEQ

REFERENCE WELLPATH IDENTIFICATION

Operator	SAMSON RESOURCES	Slot	Slot #01 SVA 23-33-2119 2486'FSL & 1249'FWL
Area	UTAH	Well	SVA 23-33-2119
Field	GRAND COUNTY (NAD 27)	Wellbore	SVA 23-33-2119 AWB
Facility	SEC.33-T21S-R19E		

REPORT SETUP INFORMATION

Projection System	NAD27 / UTM Zone 12 North, US feet	Software System	WellArchitect® 2.0
North Reference	True	User	Buscnat
Scale	0.999727	Report Generated	11/7/2008 at 2:12:44 PM
Convergence at slot	0.74° East	Database/Source file	WellArchitect_Denver/SVA_23-33-2119_AWB.xml

WELLPATH LOCATION

	Local coordinates		Grid coordinates		Geographic coordinates	
	North[ft]	East[ft]	Easting[USft]	Northing[USft]	Latitude	Longitude
Slot Location	0.00	0.00	1973378.43	14143040.75	38°56'31.949"N	109°49'44.339"W
Facility Reference Pt			1973378.43	14143040.75	38°56'31.949"N	109°49'44.339"W
Field Reference Pt			1973184.82	14143038.39	38°56'31.950"N	109°49'46.790"W

WELLPATH DATUM

Calculation method	Minimum curvature	Frontier 4 (RT) to Facility Vertical Datum	4905.00ft
Horizontal Reference Pt	Slot	Frontier 4 (RT) to Mean Sea Level	4905.00ft
Vertical Reference Pt	Frontier 4 (RT)	Facility Vertical Datum to Mud Line (Facility)	0.00ft
MD Reference Pt	Frontier 4 (RT)	Section Origin	N 0.00, E 0.00 ft
Field Vertical Reference	Mean Sea Level	Section Azimuth	231.56°

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NOV 23 2009

DIV. OF OIL, GAS & MINING

REFERENCE WELLPATH IDENTIFICATION

Operator	SAMSON RESOURCES	Slot	Slot #01 SVA 23-33-2119 2486'FSL & 1249'FWL
Area	UTAH	Well	SVA 23-33-2119
Field	GRAND COUNTY (NAD 27)	Wellbore	SVA 23-33-2119 AWB
Facility	SEC.33-T21S-R19E		

WELLPATH DATA (35 stations) † = interpolated/extrapolated station

MD [ft]	Inclination [°]	Azimuth [°]	TVD [ft]	Vert Sect [ft]	North [ft]	East [ft]	DLS [°/100ft]
0.00†	0.000	171.400	0.00	0.00	0.00	0.00	0.00
12.00	0.000	171.400	12.00	0.00	0.00	0.00	0.00
619.00	3.100	171.400	618.70	8.17	-16.23	2.45	0.51
741.00	1.700	219.200	740.60	11.58	-20.90	1.80	1.91
1243.00	6.400	179.800	1241.27	36.18	-54.67	-2.81	1.04
1338.00	7.380	196.690	1335.60	44.47	-65.81	-4.54	2.36
1432.00	4.390	224.820	1429.11	53.00	-74.15	-8.81	4.33
1527.00	1.230	244.510	1523.98	57.60	-77.17	-12.30	3.43
1622.00	4.130	209.700	1618.87	61.77	-80.58	-14.91	3.37
1720.00	7.030	205.130	1716.40	70.42	-89.07	-19.21	2.99
1815.00	10.900	214.270	1810.23	84.21	-101.77	-26.74	4.33
1908.00	15.640	220.950	1900.72	104.94	-118.51	-39.91	5.35
2003.00	18.980	220.950	1991.41	132.72	-139.86	-58.44	3.52
2097.00	22.320	224.470	2079.36	165.46	-164.15	-80.97	3.79
2193.00	25.400	228.330	2167.15	204.12	-190.85	-109.13	3.60
2288.00	26.890	226.220	2252.43	245.86	-219.27	-139.86	1.85
2472.00	29.090	224.470	2414.90	331.68	-279.98	-201.24	1.28
2563.00	30.060	219.900	2494.05	375.96	-313.26	-231.37	2.70
2664.00	33.400	219.540	2579.94	427.94	-354.11	-265.30	3.31
2761.00	35.200	222.360	2660.08	481.66	-395.37	-301.14	2.47
2856.00	34.800	227.980	2737.92	535.76	-433.76	-339.74	3.42
2952.00	31.550	231.150	2818.26	588.23	-467.86	-379.66	3.84
3048.00	31.030	229.390	2900.30	638.07	-499.72	-418.01	1.10
3139.00	31.640	226.930	2978.03	685.30	-531.29	-453.25	1.56
3234.00	31.820	224.820	3058.83	735.01	-566.07	-489.11	1.18
3329.00	32.700	223.760	3139.17	785.31	-602.37	-524.51	1.10
3424.00	34.010	222.360	3218.52	836.96	-640.54	-560.16	1.60
3520.00	35.330	221.650	3297.47	890.81	-681.12	-596.70	1.44
3616.00	35.420	220.950	3375.75	945.50	-722.87	-633.38	0.43
3710.00	34.980	219.900	3452.56	998.66	-764.12	-668.52	0.80

REFERENCE WELLPATH IDENTIFICATION

Operator	SAMSON RESOURCES	Slot	Slot #01 SVA 23-33-2119 2486'FSL & 1249'FWL
Area	UTAH	Well	SVA 23-33-2119
Field	GRAND COUNTY (NAD 27)	Wellbore	SVA 23-33-2119 AWB
Facility	SEC.33-T21S-R19E		

WELLPATH DATA (35 stations) † = interpolated/extrapolated station

MD [ft]	Inclination [°]	Azimuth [°]	TVD [ft]	Vert Sect [ft]	North [ft]	East [ft]	DLS [°/100ft]
3805.00	33.930	217.080	3530.90	1051.00	-806.17	-701.97	2.01
3900.00	33.400	215.680	3609.97	1101.82	-848.56	-733.21	0.99
3995.00	33.220	214.970	3689.36	1151.91	-891.12	-763.38	0.45
4091.00	33.130	214.270	3769.72	1202.16	-934.35	-793.22	0.41
4150.00†	33.080	213.840	3819.14	1232.90	-961.05	-811.27	0.41

TARGETS

Name	MD [ft]	TVD [ft]	North [ft]	East [ft]	Grid East [srv ft]	Grid North [srv ft]	Latitude	Longitude	Shape
SVA 23-33-2119 Moab Lat Long		2389.00	-314.11	-77.29	1973305.20	14142725.76	38°56'28.844"N	109°49'45.317"W	point
SVA 23-33-2119 Moab Tongue 2271'FSL & 980'FWL		2389.00	-203.56	-269.49	1973111.65	14142833.80	38°56'29.937"N	109°49'47.750"W	point
SVA 23-33-199 Target on Plat 1718'FSL & 281'FWL		3663.00	-756.61	-968.03	1972420.47	14142271.98	38°56'24.470"N	109°49'56.590"W	point

WELLPATH COMPOSITION

Ref Wellbore: SVA 23-33-2119 AWB

Ref Wellpath: SVA 23-33-2119 AWB OH

Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment	Wellbore
12.00	4091.00	MTC (Collar, post-2000) (Standard)	BHI MWD 610-4091	SVA 23-33-2119 AWB
4091.00	4150.00	Blind Drilling (std)	Projection to bit	SVA 23-33-2119 AWB



GARY R. HERBERT
Governor

GREGORY S. BELL
Lieutenant Governor

State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

February 22, 2011

Certified Mail No. 7004 1160 0003 0190 4857

DIVISION ORDER

North American Exploration, LLC
38C Grove Street
Richfield, CT 06877

43 019 31595
21S 19E 33

Subject: Division Order to Plug and Abandon the Cactus Rose MSC 2-1, Cactus Rose 16-11-2118, SVA 23-33-2119 and State MSC 35-1 wells operated by North American Energy, LLC

To Whom It May Concern:

The Division of Oil, Gas and Mining (the Division) received notice of North American Exploration, LLC (NAE) Chapter 7 Bankruptcy, District of Delaware (Case 10-13199) on January 12, 2011.

Due to the bankruptcy the Division is concerned with NAE's future ability to continue operating within the legal and financial constraints of the Utah Oil and Gas Conservation Act. NAE is required to be able to meet its duty to plug each dry or abandoned well, prevent waste or pollution, and maintain and restore each well site (Utah Code § 40-6-5 and rule R649-3-1.2).

The Cactus Rose MSC 2-1, Cactus Rose 16-11-2118, SVA 23-33-2119 and State MSC 35-1 wells are all currently in shut-in status. In addition, these wells are in noncompliance with Oil and Gas Conservation General Rule R649-3-36 (Shut-in and Temporarily Abandoned Wells).

The Division is hereby ordering NAE to Plug and Abandon the Cactus Rose MSC 2-1 (API 43-019-31402), Cactus Rose 16-11-2118 (API 43-019-31546), SVA 23-33-2119 (API 43-019-31595) and State MSC 35-1 (API 43-019-31404) wells.

The wells shall be plugged in accordance with R649-3-24. Within 30 days of receipt of this order NAE shall submit notices of intent sundries, for Division approval, to plug and abandon each well.



Page 2

North American Exploration, LLC
February 22, 2011

Therefore, NAE has 30 days from receipt of this Order to enter into an agreement for execution of the Order.

NAE has the right to appeal the Division Order by filing to the Board of Oil, Gas and Mining a request for review according to procedures set forth in R649-10-6. A request for review of a Division Order must be filed with the secretary to the Board, Julie Ann Carter (801) 538-5277, within 30 days of issuance of the order.

In the event NAE does not respond to the Division Plugging and Abandonment Order, within 30 days of receipt, the Division will file for a formal hearing before the Board of Oil, Gas and Mining, as described in the Utah Administrative Code R641, requesting a Board Order to plug and restore the well sites. Should this matter be brought before the Board, the Division will seek bond forfeiture (R649-3-1.16) and liability for plugging costs in excess of bond forfeiture amounts (R649-3-1-4).

Questions regarding this order may be directed to Clinton Dworshak, Compliance Manager at (801) 538-5280 or Dustin Doucet, Engineer, at (801) 538-5281.

Sincerely,



Clinton Dworshak
Compliance Manager

CLD/js

cc: John Rogers, Associate Director
Steve Alder, Assistant Attorney General
Dustin Doucet, Engineer
Randy Thackeray, Lead Auditor
LaVonne Garrison, SITLA
Bill Kreussling, NAE, LLC
Michael S. Cornish, MSC Exploration
James Jones, Tidewater Oil and Gas
United States Bankruptcy Court
Compliance File
Bond File
Well File



GARY R. HERBERT
Governor

GREGORY S. BELL
Lieutenant Governor

State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

October 25, 2011

Certified Mail 7010167000148103133

Dodie Lilley
Wells Fargo Bank
MAC T5916-011
21314 Kuykendahl Road
Spring, TX 77379

SUBJECT: Claim Against CDs 9398350612, 9398350620, 9398350596 and 9398350604 issued by Wells Fargo Bank, as Surety on behalf of NAE, LLC, as Principal

Dear Ms. Lilley:

21S 19E 33

This letter serves as a claim against the referenced CDs by the Utah Division of Oil, Gas and Mining ("the Division"). North American Exploration, LLC aka NAE, LLC ("NAE") is the operator of record for the SVA Unit 23-33-2119 Well (API 43-019-31595); Cactus Rose MSC 2-1 (API 43-019-31402); State MSC 35-1 (API 43-019-31404) and Cactus Rose 16-11-2118 (API 43-019-31546) ("the wells"). NAE has defaulted on conditions set forth in the referenced bond as follows: (bond copies attached)

"NOW THEREFORE, if the above bound principal shall comply with all of the provisions of the laws of this State, and the rules and regulations and orders of the Division of Oil, Gas and Mining of the State of Utah, including, but not limited to the proper plugging of said well(s), and filing with the Division of the State, all notices and records required by said office, then this obligation is void, otherwise the same shall be in full force and effect."

NAE has failed to reply to or comply with our demands for compliance with the Shut-in/Temporarily Abandoned Well Requirements and Notice of Violation ("NOV") letters regarding noncompliance with Division Rule R649-3-36, Shut-in and Temporarily Abandoned Wells. A Division Order to plug the well was dated February 22, 2011. Copies of those letters and the return receipts are available upon request.

The Division has reviewed the Utah Division of Corporations and Commercial Code concerning the whereabouts of NAE without success.

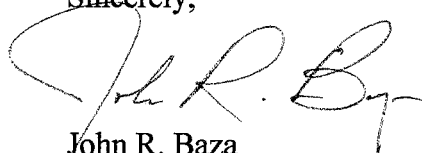
Page Two
Wells Fargo Bank
October 25, 2011

NAE filed Chapter 7 Bankruptcy on January 12, 2011; the Trustee's Abandonment of Estate Property for the wells dated July 15, 2011 and August 24, 2011 are attached. Alyse Aruch representing the Chapter Trustee sent authorization to release the CDs to the Division dated September 20, 2011. Therefore, the Division has concluded that NAE is defunct as the operator of the wells and that the wells have been abandoned.

The Board of Oil, Gas and Mining ("the Board") has ordered the CDs be claimed to resolve the matter. The Division therefore requests Wells Fargo to surrender of the CDs along with any accrued interest payable to the "State of Utah, Division of Oil, Gas & Mining" to plug the wells and reclaim the well locations. Upon receipt of certified funds, Wells Fargo is hereby relieved of responsibility to protect the funds for the Division

Due to the presence of potential environmental hazards at the well site, the Division appreciates your prompt attention to this matter. If you have any questions, please contact Dustin Doucet, Petroleum Engineer at (801) 538-5281 or John Rogers, Associate Director – Oil and Gas Program at (801) 538-5349.

Sincerely,



John R. Baza
Director

Division of Oil, Gas and Mining

Attachments (5)
JRB/jr/rt/er

cc: James T. Jensen, Board Chairman (via e-mail)
Steve Alder, Assistant Attorney General (via e-mail)
Alyse M. Aruch, McCarter & English (via e-mail)
John Rogers, Associate Director (via e-mail)
Dustin Doucet, Petroleum Engineer (via e-mail)
LaVonne Garrison, SITLA (via state mail)
NAE, LLC Certified Mail 70101670000148103140
Bond File
Well Files

RELEASE

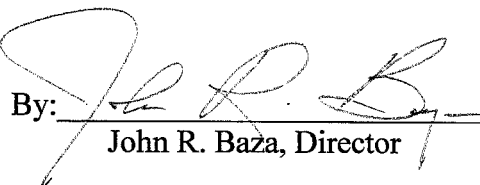
WHEREAS, NAE, LLC ("Operator"), as principal and Wells Fargo Bank ("Bond Agent"), as bond, issued Certificates of Deposits (CDs) numbered 9398350612, 9398350620, 9398350596 and 9398350604 in the aggregate amount of One Hundred Fifty Thousand Dollars (\$30,000, \$60,000, \$30,000, \$30,000; totaling \$150,000) on November 25, 2009 in favor of the State of Utah, which CDs provided the State some assurance that certain wells would be plugged pursuant to the rules and regulations of the State of Utah.

WHEREAS, The State of Utah has made a demand on the operator and bond numbers under the referenced bond, claim number 222-15 in the amounts totaling \$150,000, pursuant to the terms of the bonds.

NOW, THEREFORE, in consideration of the payment of One Hundred Fifty Thousand and no Dollars (\$150,000), the State of Utah fully discharges and releases the bonds of any and all claims, whether known or unknown, relating to the obligation stated within the terms of the bonds. This release shall take full force and effect only upon receipt of certified funds by the State of Utah of the payment in the amount totaling \$150,000, referenced above.

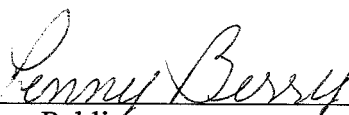
SIGNED AND SEALED this 25th day of October, 2011.

**THE STATE OF UTAH
DIVISION OF OIL, GAS AND MINING:**

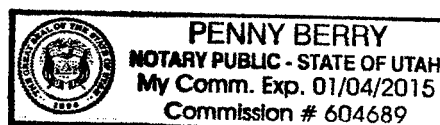
By: 
John R. Baza, Director

STATE OF UTAH)
) ss:
COUNTY OF SALT LAKE)

On the 25th day of October 2011, personally appeared before me, John R. Baza, who being duly sworn did say that he, the said John R. Baza, is the Director of the Division of Oil, Gas and Mining, Department of Natural Resources, State of Utah, and he duly acknowledged to me that he executed the foregoing release by authority of law on behalf of the State of Utah.


Notary Public
Residing at: Salt Lake

1/4/2015
My Commission Expires:



IN THE UNITED STATES BANKRUPTCY COURT
FOR THE DISTRICT OF DELAWARE

RECEIVED
JUL 21 2011
DIV. OF OIL, GAS & MINING

In re:

NORTH AMERICAN EXPLORATION, LLC

Debtor.

:
:
: Chapter 7
:
: Case No. 10-13199 (PJW)
:
: Related Docket No. 36

ORDER GRANTING CHAPTER 7 TRUSTEE'S ABANDONMENT OF ESTATE PROPERTY


Upon consideration of the Proposed Notice of Abandonment of Estate Property (the "Notice") of the Chapter 7 Trustee for the entry of an order abandoning the estate property known as SVA Unit #23-33-2119 ML 47576 (the "Property"); and it appearing that the Court has jurisdiction over this matter; and it appearing that notice of the Notice was sufficiently provided, and that no other or further notice need be provided; and it further appearing that the relief requested in the Notice is in the best interest of the bankruptcy estate; and upon all of the proceedings had before the Court; and after due deliberation and sufficient cause appearing therefore, it is hereby

ORDERED that the Property is hereby abandoned; and it is further

ORDERED that the Chapter 7 Trustee is authorized and empowered to take all actions necessary to implement the relief granted in this Order; and it is further

ORDERED that this Court shall, and hereby does, retain jurisdiction with respect to all matters arising from or in relation to the implementation of this Order.

Dated: July 15 2011
Wilmington, Delaware


The Honorable Peter J. Walsh
United States Bankruptcy Judge

September 20, 2011

VIA E-MAIL AND US MAIL

Steven F. Adler
Assistant Utah Attorney General
1594 West North Temple St. #300
Salt Lake City, Utah 84118

Re: In re North American Exploration, LLC
Chapter 7, Case No.: 10-13199 (PJW)

Alyse M. Aruch
Associate
T. 973.849.4157
F. 973.624.7070
aaruch@mccarter.com

Dear Mr. Adler:

As you know, this Firm represents Charles A. Stanziale, Jr. as the Chapter Trustee (the "Trustee") to North American Exploration, LLC (the "Debtor") in the above-referenced bankruptcy case. The Debtor is the designated operator of the oil and gas wells set forth below, each of which is located in Utah (the "Wells").

McCarter & English, LLP
Four Gateway Center
100 Mulberry Street
Newark, NJ 07102-4056
T. 973.622.4444
F. 973.624.7070
www.mccarter.com

The Trustee understands that as operator, the Debtor is responsible for plugging and restoring the well site for each Well. The Trustee is aware that prior to filing its bankruptcy petition, the Debtor provided the Utah Division of Oil Gas & Mining (the "Division") with certain Certificates of Deposit (the "CDs") to be held by Wells Fargo Bank as bonds to secure the plugging and abandonment of the Wells as required by Utah state law. The amount and account number for each CD is set forth below. On February 22, 2011 the Division issues a Division Order requiring the plugging of the Wells. The Trustee has not and will not be taking any steps to plug the Wells.

	<u>Well</u>	<u>Account Number</u>	<u>Amount</u>
BOSTON	SVA Unit #23-33-2119	#9398350612	\$30,000
HARTFORD	State MSC 35-1	#9398350620	\$60,000
NEW YORK	Cactus Rose MSC 2-1	#9398350596	\$30,000
NEWARK	Cactus Rose 16-11-21182	#9398350604	\$30,000
PHILADELPHIA	On July 15, 2011 and August 24, 2011 the Bankruptcy Court entered two orders (the "Abandonment Orders") approving the Trustee's abandonment of the Wells. The Abandonment Orders authorized the Trustee to take any and all necessary action to implement the abandonment of the Wells.		
STAMFORD			
WILMINGTON			

September 20, 2011
Page 2

Pursuant to the Division Order and the Abandonment Orders, the Trustee hereby authorizes the Division to instruct Wells Fargo Bank to release the CDs to the Division.

Very truly yours,

A handwritten signature in black ink, appearing to read 'Alyse M. Aruch', written over the printed name.

Alyse M. Aruch

FILED

OCT 13 2011

**SECRETARY, BOARD OF
OIL, GAS & MINING**

Steven F. Alder (00033)
Emily Lewis (13280)
Assistants Utah Attorney General
1594 West North Temple St. #300
Salt Lake City, Utah 84118
Telephone 801 538 5348

**BEFORE THE BOARD OF OIL, GAS, AND MINING
DEPARTMENT OF NATURAL RESOURCES
STATE OF UTAH**

IN THE MATTER OF THE DIVISION OF
OIL, GAS, AND MINING'S NOTICE OF
AGENCY ACTION FOR AN ORDER
FORFEITING TO THE STATE OF UTAH
ALL INTEREST IN THE CERTIFICATES
OF DEPOSIT #9398350612, #9398350620,
#9398350596, AND #9398350604 BEING
HELD BY WELLS FARGO BANK FOR
AND ON BEHALF OF THE STATE OF
UTAH AS SURETY FOR THE PLUGGING
AND ABANDONMENT OF THE
FOLLOWING WELLS OPERATED BY
NORTH AMERICAN EXPLORATION,
LLC: SVA UNIT #23-33-2119, STATE MSC
35-1, CACTUS ROSE MSC 2-1, AND
CACTUS ROSE 16-11-2118; ALL IN
GRAND COUNTY, UTAH

**FINDINGS OF FACT,
CONCLUSION OF LAW,
AND ORDER**

Docket No. 2011-016

Cause No. 222-15

The foregoing titled Notice of Agency Action (NAA) filed by the Utah Division of Oil Gas & Mining, ("Division") seeking an Order of the Board requiring that North American Exploration proceed to forfeit the bonds provided for the purpose of plugging the wells and a reclaiming the well sites, and other relief came on for hearing on Thursday, September 29, 2011 at a regularly scheduled meeting of the Board.

The Following members of the Board were present and participated in the hearing: Ruland J. Gill, Jr., Kelley L. Payne, Charles D. Hansen, Carl F. Kendell, and James T. Jensen, Chairman. Michael Johnson, Assistant Attorney General represented the Board. Division employees, Clinton Dworshak, and Earlene Russell provided testimony and presented evidence in support of the NAA. The Division was represented by Steven F. Alder, Assistant Utah Attorney General. No persons appeared on behalf of the Respondent, North American Exploration or any other party in opposition to the NAA. The Board heard the testimony and reviewed the pleadings and exhibits presented and being fully apprised of the premises makes the following,

FINDINGS OF FACT

1. North American Exploration, LLC a/k/a NAE, LLC ("NAE") is a Delaware corporation qualified to do business in Utah.

2. NAE is the designated Operator of the following oil and gas wells drilled at the following locations in Grand County, Utah:

SVA Unit #23-33-2119	Section 33 Township 21 S, Range 19 E, SLM
State MSC 35-1,	Section 35 Township 21 S, Range 19 E, SLM
Cactus Rose MSC 2-1,	Section 2, Township 21 S, Range 18 E SLM, and
Cactus Rose 16-11-2118	Section 16, Township 21 S, Range 18 E, SLM.

3. NAE as Operator is responsible to plug the wells and restore the well sites for each of the above wells.

4. NAE as operator provided to the Division Certificates of Deposit (CDs) to be held by Wells Fargo Bank as bonds to secure the plugging and abandonment of the wells as required by

Utah code § 40-6-5(2)(f)(2011) and Utah Admin. Code R649-3-1(1), in the amounts and for the wells as shown below:

SVA Unit #23-33-2119	#9398350612,	\$30,000.00;
State MSC 35-1,	#9398350620,	\$60,000.00;
Cactus Rose MSC 2-1,	#9398350596,	\$30,000.00; and
Cactus Rose 16-11-21182.	#9398350604,	\$30,000.00.

5. For each CD provided to the Division as a bond for the costs of plugging and restoring the well site, NAE through its authorized agent executed a Collateral Bond agreement on the Division's form 4B which provides that the CD's is payable to the Director of the Division of Oil, Gas and Mining as agent of the State of Utah unless the well is properly plugged and well site restored.

6. For each CD provided to the Division as a bond, the Division was provided a Time Account Receipt/Disclosure (identifying the number and amount of the CD and indicating it is to be automatically renewed), a Time Account Maintenance Request, (indicating that the Payee is the director of the Utah Division of Oil Gas and Mining), a Time Account Detail (indicating that the CD are subject to a Hold), and a Hold Detail (indicating the Hold does not expire and that written authorization is required to remove the restraint).

7. NAE has filed a voluntary petition under Chapter 7 of the United States Bankruptcy code, in the United States Bankruptcy Court for the District of Delaware on October 1, 2010.

8. On February 22, 2011 the Division issued its Division Order requiring the plugging of the subject wells as required by the rules.

9. As a result of the filing of its voluntary Chapter 7 bankruptcy and the abandonment by the bankruptcy trustee of any interest in the wells for which the CD's are being held, the Operator NAE is without financial means to conduct plugging and site restoration.

10. NAE, as the operator; the bankruptcy trustee on behalf of NAE; and Dawn Trucking as assignees have not responded to the Division Order to plug the wells and restore the sites and have otherwise refused to plug the sites despite having the opportunity to do so.

11. On September 20, 2011 the bankruptcy trustee advised counsel for the Division by letter that it had abandoned all interest in the wells and any claims to the CD's and has authorized the Division to instruct Wells Fargo Bank to release the CD's to the Division.

CONCLUSIONS OF LAW

1. Proper and adequate notice of the hearing on the Division's NAA was given to North American Exploration d/b/a NAE, as operator; to the bankruptcy trustee on behalf of the operator and interests of the bankruptcy estate, if any; to Wells Fargo Bank as holder of the CD's, to Dawn Trucking Company as assignee; and to all other persons who may be entitled to notice under the rules of the Board.

2. NAE as Operator is responsible to plug the wells and restore the well sites for each of the above wells.

3. The Operator has refused and due to the bankrupt status is otherwise unable to complete plugging of the wells and reclamation of the well sites.

4. It is necessary and appropriate that the Board order that the following Certificates of Deposit which were provided as surety for the plugging of the wells and reclamation of the well sites be forfeited to the Division:

<u>Well</u>	<u>CD</u>	<u>Amount</u>
SVA Unit #23-33-2119	#9398350612,	\$30,000.00;
State MSC 35-1,	#9398350620,	\$60,000.00;
Cactus Rose MSC 2-1,	#9398350596,	\$30,000.00; and
Cactus Rose 16-11-21182.	#9398350604,	\$30,000.00.

5. It is appropriate and necessary that upon request by the Director that Wells Fargo Bank deliver to the Division the full face value of amount for each CD as shown above to be used by the Division to plug the wells and restore the sites as required by the Division's rules.

6. The Division is obligated to use the forfeited funds to effect the plugging of the wells and the restoration of the sites to the standards required by the Division's rules.

NOW THEREFORE, IT IS HEREBY ORDERED AS FOLLOWS:

1. The following Certificates of Deposit and any accrued interest held by Wells Fargo Bank and provided as surety for the plugging of the listed wells and reclamation of the well sites are ordered forfeited to the Division:

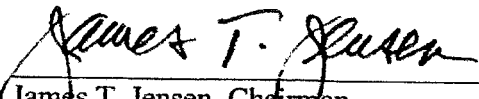
<u>Well</u>	<u>CD</u>	<u>Amount</u>
SVA Unit #23-33-2119	#9398350612,	\$30,000.00;
State MSC 35-1,	#9398350620,	\$60,000.00;
Cactus Rose MSC 2-1,	#9398350596,	\$30,000.00; and
Cactus Rose 16-11-21182.	#9398350604,	\$30,000.00.

2. The Division is Ordered to use all amounts forfeited to plug the above identified wells and reclaim the well sites to the standards required by the law.

3. The Division is authorized to make demand and to take any and all actions necessary to complete the forfeiture of the bonds, recovery of the amounts held as surety, and to effect the proper plugging of the wells and restoration of the well sites.

Dated this 13th day of October, 2011

STATE OF UTAH
BOARD OF OIL, GAS AND MINING


James T. Jensen, Chairman
1594 West North Temple, Suite 1210
Salt Lake City, Utah 84116

CERTIFICATE OF SERVICE

I hereby certify that I caused a true and correct copy of the foregoing FINDINGS OF FACT, CONCLUSIONS OF LAW, AND ORDER for Docket No. 2011-016, Cause No. 222-15 to be mailed with postage prepaid, this 14th day of October, 2011, to the following:

North American Exploration, LLC
38 C Grove Street
Ridgefield, CT 06877

Michael S. Johnson
Assistant Attorneys General
Utah Board of Oil, Gas & Mining
1594 West North Temple, Suite 300
Salt Lake City, UT 84116
[Via Email]

Steven F. Alder
Assistant Attorneys General
Utah Division of Oil, Gas & Mining
1594 West North Temple, Suite 300
Salt Lake City, UT 84116
[Via Email]

Annie D. Murphy
Counsel for Dawn Trucking Company,
Inc.
DUFFORD, WALDECK, MILBURN &
KROHN, LLP
744 Horizon Court
Grand Junction, CO 81506

Dodie Lilley
Wells Fargo Bank
MAC T5916-011
21314 Kuykendahl Rd
Spring, TX 77379

Debra Olson
16800 Imperial Valley Dr. Suite 380
Houston, TX 77060
[Undeliverable]

Debra Olson
c/o Opus Oil & Gas, LP
16770 Imperial Valley Dr
Houston, TX 77060-3400
[Undeliverable]

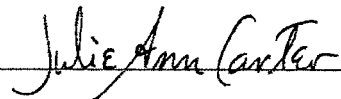
Charles A. Stanziale
Trustee in Bankruptcy
100 Mulberry Street
Four Gateway Center
Newark, NJ 07102

Alyse Aruch
McCarter & English, LLP
405 N. King St., Suite # 800
Wilmington, DE 19801

Wells Fargo Bank
Attn: Debra Hernandez
2352 North Belt
12941 I-45N
Houston, TX 77060

Michael S. Cornish
369 Florida Hill Rd.
Ridgefield, CT 06877

Charles Duffy
16800 Imperial Valley Dr, Suite 380
Houston, TX 77060
[Undeliverable]



Division of Oil, Gas and Mining

ORPHAN-NO RESPONSIBLE OPERATOR

CHANGE WORKSHEET (for state use only)

Operator Name Change/Merger

The operator of the well(s) listed below has changed, effective:	12/20/2011
FROM: (Old Operator): N3440- NAE, LLC	TO: (New Operator): N9999-Orphan-No Responsible Operator

Docket Number:	2011-016	Board: X		Division:				
Cause Number:	222-15							
WELL NAME	SEC	TWN	RNG	API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS
CACTUS ROSE 16-11-2118	16	210S	180E	4301931546	16416	State	OW	S
CACTUS ROSE MSC 2-1	02	210S	180E	4301931402	14306	State	GW	S
STATE MSC 35-1	35	210S	190E	4301931404	14259	State	GW	S
SVA 23-33-2119	33	210S	190E	4301931595	17247	State	OW	S

DATA ENTRY:

1. Date bond received on:	12/20/2011
2. Changes entered in the Oil and Gas Database on:	11/30/2012
3. Date RBDMS changed to "Calimed" on:	12/20/2011

COMMENTS:

Per the Board of Oil, Gas and Mining well(s) moved to N9999 Orphan-No Responsible Operator for Division plugging.

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: ML-47576
1. TYPE OF WELL		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
2. NAME OF OPERATOR:		7. UNIT or CA AGREEMENT NAME:
3. ADDRESS OF OPERATOR: , , , Ext		8. WELL NAME and NUMBER: SVA 23-33-2119
4. LOCATION OF WELL FOOTAGES AT SURFACE: 2486 FSL 1249 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NWSW Section: 33 Township: 21.0S Range: 19.0E Meridian: S		9. API NUMBER: 43019315950000
PHONE NUMBER:		9. FIELD and POOL or WILDCAT: WILDCAT
COUNTY: GRAND		STATE: UTAH
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
TYPE OF SUBMISSION	TYPE OF ACTION	
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE	
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 2/26/2016	<input type="checkbox"/> ALTER CASING	
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CASING REPAIR	
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	
	<input type="checkbox"/> CHANGE TUBING	
	<input type="checkbox"/> CHANGE WELL STATUS	
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	
	<input type="checkbox"/> DEEPEN	
	<input type="checkbox"/> FRACTURE TREAT	
	<input checked="" type="checkbox"/> PLUG AND ABANDON	
	<input type="checkbox"/> NEW CONSTRUCTION	
	<input type="checkbox"/> OPERATOR CHANGE	
	<input type="checkbox"/> PLUG BACK	
	<input type="checkbox"/> PRODUCTION START OR RESUME	
	<input type="checkbox"/> RECLAMATION OF WELL SITE	
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	
	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	
	<input type="checkbox"/> TEMPORARY ABANDON	
	<input type="checkbox"/> TUBING REPAIR	
	<input type="checkbox"/> VENT OR FLARE	
	<input type="checkbox"/> WATER DISPOSAL	
	<input type="checkbox"/> WATER SHUTOFF	
	<input type="checkbox"/> SI TA STATUS EXTENSION	
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	
	<input type="checkbox"/> OTHER: <input style="width: 100px;" type="text"/>	
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. Well was plugged as part of the Orphan Well Plugging program PWO 2015-01. Work was completed on 2/26/2016. See attached for details.		
Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY February 02, 2017		
NAME (PLEASE PRINT) Dustin Doucet	PHONE NUMBER 801 538-5281	TITLE Engineer
SIGNATURE N/A	DATE 2/1/2017	

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS		5. LEASE DESIGNATION AND SERIAL NUMBER: ML-47576
		6. IF INDIAN, ALLOTTEE OR TRIBE NAME: N/A
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		7. UNIT or CA AGREEMENT NAME: Salt Valley Anticline Unit
		8. WELL NAME and NUMBER: SVA 23-33-2119
1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER _____		9. API NUMBER: 4301931595
2. NAME OF OPERATOR: Utah DOG&M with A-Plus Well Service Inc - Contractor		10. FIELD AND POOL, OR WILDCAT: Wildcat
3. ADDRESS OF OPERATOR: PO Box 1979 CITY Farmington STATE NM ZIP 87499		PHONE NUMBER: (505) 325-2627
4. LOCATION OF WELL FOOTAGES AT SURFACE: 2486' FSL & 1249' FWL COUNTY: Grand QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NWSW 33 21S 19E STATE: UTAH		

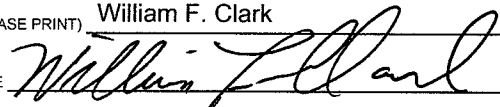
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA			
TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____ <input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> ALTER CASING <input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> DEEPEN <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> OPERATOR CHANGE <input checked="" type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> PLUG BACK <input type="checkbox"/> PRODUCTION (START/RESUME) <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	<input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> TEMPORARILY ABANDON <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> WATER SHUT-OFF <input type="checkbox"/> OTHER: _____

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Well was plugged and abandoned on February 26, 2016 per the attached report.

Underground P&A Marker was installed at 38o 56' 32" N / 109o 49' 47" W.

Work was completed under PWO - 2015-01.

NAME (PLEASE PRINT) <u>William F. Clark</u>	TITLE <u>President (A-Plus)</u>
SIGNATURE 	DATE <u>3/28/2016</u>

(This space for State use only)

A-PLUS WELL SERVICE, INC.

P.O. BOX 1979
Farmington, New Mexico 87499
505-325-2627 *fax: 505-325-1211

State of Utah
SVA 23-33-2119

February 26, 2016
Page 1 of 1

2486' FSL and 1249' FWL, Section 33, T-21-S, R-19-E
Grand County, UT
Lease Number: ML-47576
API #43-019-31595

Plug and Abandonment Report
Notified Utah DOG&M on 2/24/16

Plug and Abandonment Summary:

- Plug #1** with 80 sxs (94.4 cf) Class B cement from 4172' to 3600' balanced plug inside the 4.5" casing to cover the Wingate perforations and top. WOC overnight. TIH and tag TOC at 3720'.
- Plug #2** with 30 sxs (35.4 cf) Class B cement with 2% CaCl₂ from 2914' to 2575' balanced inside the casing to cover the Carmel and Entrada tops. WOC 3 hours. Tag TOC at 2595'.
- Plug #3** with 3 squeeze holes at 100'; spot 56 sxs (66.08 cf) Class B cement balanced inside casing from 562' to surface. Circulate good cement out casing valve. WOC overnight. Tag TOC at 60'.
- Plug #4** with 24 sxs Class B cement to fill the 4.5" casing from 60' to surface and install P&A Marker.

Plugging Work Details:

- 2/23/16 Drive rig and equipment to location. RU rig. Check well pressures: tubing 0 PSI; casing 25 PSI. Blow down well. RU rod tools. Unable to unseat pump. RU Action Hot Oil Services. Pump 35 bbl. hot water down casing with no pressure. Attempt to work pump free, unable. Pump another 30 bbl. down casing, still unable to unseat pump. Work rods free at 10,000 to 11,000#. LD 30' polish rod, one 2' 7/8" pony rod, 42 - 3/4" guided rods, 11 - 3/4" plain rods. Shut In Well. SDFD.
- 2/24/16 Check well pressures: tubing and casing 0 PSI. Continue to pull and LD rods. From well: polish rod, 52 - 7/8" plain rods, 28 - 7/8" guided rods, 42 - 3/4" guided rods, 20 - 3/4" plain rods, 24 - 1-1/4" sinker bars and an on/off tool. Dig out bradenhead valve. Check well pressures: 0 PSI on casing, tubing and BH. ND WH and NU BOP. PU on tubing, unable to unseat hanger. ND BOP. Work tubing to release tubing anchor. NU BOP. Start to TOH with 2.375" tubing and found fluid. Connect pump line to tubing and pressure test tubing to 1500#, held ok. Swab tubing fluid down to 3600' into the casing annulus to prevent oil spill. RD swab tools. TOH and tally 136 joints 2.375" tubing, total tally 4173'. Pulled from well 121 joints, then anchor, then 14 joints, then tubing pump and last joint with collar TIH to 4173'. Did not find RBP at 4173' per records. D. Doucet, Utah representative, approved procedure change (no tag RBP). **Set Plug #1.** Shut In Well. SDFD.
- 2/25/16 Held safety meeting. Check well pressures: 0 PSI on well. TIH with tubing and tag TOC at 3720'. TOH with tubing. Round trip a string mill to 2945'. TIH open ended to 2914'. Connect pump line to BH valve and pressure test the BH annulus, held OK; loaded with 1/2 bbl. water (12' down). **Set Plug #2.** TOH and LD tubing. D. Doucet, State of Utah, approved procedure change to perforate at 100'. WOC for 3 hours. RIH with wireline and tag plug #2 at 2595'. PUH and perforate 3 holes at 100'. Attempt to establish rate into squeeze holes. Pressured up to 500#, bled down to 200# in 5 minutes. TIH with tubing to 562'. **Set Plug #3.** TOH and LD all tubing. Shut In Well. WOC overnight.
- 2/26/16 Held safety meeting. No pressure on well. Tag TOC at 60'. Dig out WH. Complete Hot Work Permit. Cut off WH. Tag TOC at 50' inside and the 4.5" x 8.625" annulus cement at surface. **Set Plug #4** and then install P&A Marker at: Lat: 38° 56' 32" N and Long: 109° 49' 47" W. RD and MOL.
- Dayne Doucet, State of Utah representative, was on location.

A - PLUS WELL SERVICE

4 18

Date 2-23-16 Day TUE.

Company STATE of UTAH DOB+G

Company STATE of UTAH DOB+G

DAYNE DOUGET w/ ^{UTAH} DOUGLAS on loc.

Water Hauled 2-100 BBL LBS city water
by HARRISONS

Cement Retainers

Wireline _____

REPROGRAPHICS 090576A

Daily Report

A - PLUG WELL SERVICE

44,20

P.O. BOX 1979 • FARMINGTON, NM 87499
505-325-2627 • FAX (505) 325-1211Rig No. 4Date 2-24-16 Day WEDWell Name SUA 23-33-2119Company STATE of UTAH

FROM	TO	DESCRIPTION OF OPERATION
6:00	7:00	P TRAVEL TO LOC
7:00	7:30	SERV EQUIV/HSM on JSM
7:30		P CK PRESSURES tbg + csg @
		P LD 30' polish rod, LD 9-3/4 rods, 24-1 1/4 sinker bars
		LAST sinker bar had cal/off tool, well has tbg pump
		52-7/8 plain rods, 78-3/4 guided rods 42-3/4 guided rods
8:30		30-3/4 plain rods, 24-1 1/4 sinker bars (166 TOTAL)
8:30	9:15	P LD ROD TOOLS, RU TBL TOOLS, RD Floor
9:15		P DILUT B.H, CK PRESSURE @, RU 2" ball valve
	11:00	P RD W.H. RU BOP, P.H. Floor + tongs pulled up to 30-35,000'
11:00		U P.H. on tbg about 12", started taking wt, unable to
		turn to tbg, lands tbg, RD Tongs + 7' look, RD BOP
		P.H. on tbg up to 38,000", set slips, LD tbg hanger
		Able to go down tbg taking wt at same spot pulling-up
		Strip-on BOP - H Floor + tongs
12:30		U WORK tbg up + down tbg freed-up
12:30		U STAND-BACK 11 stands, found failed in 2 3/4 tbg.
		U P.H. 2 3/4 tbg to 1500' Held O.K. RU scrub tools
		U SWAB tbg failed down with returns to csg (tag: "on" 40')
2:30		U RD scrub tools
2:30		P Finish POOH + TALLY w/136 lts 2 3/4 guided tbg = 4173'
		POOH w/121 lts, tbg anchor, 14 lts, tbg pump, 1 lts w/2 3/4 Reg collar.
		OK'd by STATE of UTAH Rep. in house to T.H. open-ended + tbg RBT at 4172'
3:45		U If possible, will have to run 4 1/2 string to 2950' before Plug #2 is purged
3:45		P T.H. w/67 stands, P.H. 2 lts, SET 4172, P.H. 2 lts, NO TAG OK'd by STATE
5:00		of UTAH TO LD 2 lts + Pump Plug #1 w/SET AT 4172'
5:00		Pump 15 BBLs + 4 1/2 csg STARTED circulating, pump 50 BBLs
5:30		P TOTAL TO ^{be} clean-up
		DAYNE DOLCET w/STATE of UTAH on loc.

Fuel & Motor Oil _____ Water Hauled _____

Rental Equipment Zunich Brothers Mechanical Cement Retainers _____Cementing Plug #1 505AS delivered portable toilet AT 20' from delivery, 52' per service

Wireline _____

CREW	NAME	UNIT #	MILEAGE	HOURS
Supervisor	B. RANDALL	93	64	
Operator	O. SANCHEZ	40	64	13 1/2
Derrick	T. FATHORSE			13 1/2
Floors	T. WITZMAN			13 1/2
Floors	S. ABZYTA			13 1/2
Floors				

Daily Report

A - PLUS WELL SERVICE

P.O. BOX 1979 • FARMINGTON, NM 87499
505-325-2627 • FAX (505) 325-1211

44.2

Rig No. 4Date 2-25-16 Day THUR.Well Name SUM 23-33-2119Company STATE of UTAH

FROM	TO	DESCRIPTION OF OPERATION
6:00	7:00	TRAVEL TO LOC.
7:00	7:30	SERV. EQUIP / HSM on JSA
7:30		Secure tag on #480 w/ float 150' (A-Plus 2 3/4 workstring)
		SPOT 490 w/ float 165' (Red + tag float)
	8:00	CK PRESSURES @ on well
8:00		TIH w/ 31 stands, TAG w/ 20' STICK-UP TAG TOC AT 3720'
		(122 lbs IN w/ 20' STICK-UP) TAG OK'd by Dustin Doucet w/ STATE of UTAH
		LD 40 lbs, POOH w/ tag (48 stands in derrick - 2945')
		P.U. A-Plus 4 1/2 string mill, TIH w/ 48 stands EOT 2945'
	11:00	POOH + LD string mill
11:00	11:30	TIH open-end, LD 1 ft EOT 2914, attempt to P/H B.H. pump 1/2 bbl (12')
11:30		LOAD CSG w/ 2 BBLs, Pump Plug #2 (CAMEL + Extruder Tops) w/ 30 SRS
	12:15	w/ 270 calcs. 35.4 cu/ft 15-6" B-cement 2914-2575 TOC 2509'
12:15		LD 77 lbs, SB 9 stands, Dustin Doucet want to perf at 100'
		+ spot plug over CSG shoe FROM 558' - 358' due to
		B.H. testing, OK'd to tag Plug #2 w/ U.S.
	3:00	WOC
3:00		HSM w/ U.S. RU. TAG Plug #2 at 2595' (cement still soft)
		OK'd w/ DAYNE DOUCET
		Perf at 100' w/ 3-3/4 HSC, attempt to pump into squeeze holes
		at 100', pressured up to 500#, BLEED DOWN TO 200" in 5 mins.
	3:30	OK'd by UTAH STATE REP to Pump inside surface plug from 562 to surface
3:30		TIH w/ 9 stands, P.U. 1-10' sub EOT 562'
		LOAD CSG w/ 1/2 bbl, Pump Plug #3 (CSG shoe/surface) w/ 56 SRS 66.08
		cu/ft 15-6" B-cement circulate cement FROM 562 to surface
	4:15	circulate good cement out CSG,
4:15		LD ALL TAG + wash-up casing, attempt to squeeze cement pump 1 1/4 bbls
	6:00	did not pressure up, still w/ WOC drain-up
6:00	6:30	TRAVEL BACK TO MOBILE UTAH
		DAYNE DOUCET w/ STATE of UTAH on loc.

Fuel & Motor Oil _____ Water Hauled _____

Rental Equipment _____ Cement Retainers _____

Cementing Plug #2 30 SRS w/ 270 calcs Plug #3 56 SRS

Wireline LP Perf at 100' w/ 3-3/4 HSC

CREW	NAME	UNIT #	MILEAGE	HOURS
Supervisor	B. RANDALL	93	64	
Operator	O. SANCHEZ	40	64	12 1/2
Derrick	T. FASTHORSE			12 1/2
Floors	J. WITZMAN			12 1/2
Floors	S. ABEYTA			12 1/2
Floors				

